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REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

ERIS Contamination Screening - Short Listed WWTP Sites

## TECHNICAL MEMORANDUM

**DATE** June 24, 2020

**Project No.** 18104462

**TO** Lisa Vespi  
Project Manager, Niagara Region

**CC** David Smyth

**FROM** Nazanin Sajdeh

**EMAIL** nsajdeh@golder.com

### **DESKTOP REVIEW OF ECOLOG ERIS RECORD SEARCH FOR FOUR PROPERTIES IDENTIFIED AS SITE 1, SITE 4, SITE 5, AND SITE 8 LOCATED IN THE CITY OF NIAGARA FALLS, ONTARIO**

## Background

Golder Associates Ltd. (Golder) has prepared this Technical Memorandum for the Regional Municipality of Niagara Falls (Niagara Region). The Technical Memorandum summarizes the desktop review of the search of records of federal, provincial and private sector databases by EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS) for Sites of Interest 1, 4, 5, and 8 in support of the Niagara Falls Waste Water Solution Schedule 'C' Municipal Class EA Project (the Project). The Scope of Work was described in a communication from Golder to Niagara Region, dated January 8, 2020, and focussed on an assessment of the records to identify potential current or historical contamination within or in the vicinity of the Sites of Interest. The work was conducted in January and February 2020.

## Scope and Review of Environmental Databases

Golder contracted EcoLog ERIS to search available federal, provincial, and private-sector environmental databases for the Sites of Interest 1, 4, 5, and 8 and the surrounding properties within a radius of 500 metres (m). The complete database reports are included in Appendix A. Noteworthy findings of the EcoLog ERIS reports are summarized in the following sections. The boundaries and the on-Site and off-Site Potentially Contaminating Activities (PCAs) associated with the Sites of Interest are identified on Figure 1. No visits to the Sites of Interest were conducted as part of the reviews.

### **Site 1:**

Site 1 consists of two parcels with municipal address of 8800 Garner Road and 8899-8923 Chippawa Creek Road, City of Niagara Falls, Ontario. Site 1 has an area of approximately 26.76 hectares (66.12 acres). The EcoLog ERIS report included the following noteworthy information:

- The following information for 8800 Garner Road was noted:
  - Niagara Bio Conversion Inc. was approved under environmental registry to discharge into the natural environment other than water (i.e., air) in 1998;

- Power Grow Systems Inc. was listed as a waste disposal site in 2008, 2013, and 2018;
  - Terratec Environmental Ltd. had an Environmental Compliance Approval (ECA) in 2003 (type: air). In addition, 8800 Garner Road was listed under hazardous waste generator (ON8592432) for one or more of the following wastes: waste oils and lubricants, light fuels, organic laboratory chemicals, and alkaline wastes - other metals in 2013 and 2014;
  - Abitibi Consolidated Company of Canada was reported to have a revoked and replaced ECA in 2003 and 2004 (approval type: waste management systems);
  - Grow-Rich Inc. had a Certificate of Approval (CofA) for industrial wastewater (stormwater collection and discharge system) in 1989, 1991, and 1992. 8800 Garner Road was listed under hazardous waste generator (ON0381400) for one or more of the following wastes: light fuels, waste oils and lubricants, and landfill leachates between 1986 and 2001; and,
  - Two groundwater supply wells were recorded for 8800 Garner Road. The wells were constructed in 1960 and 1979. Water was found at depth of 75 feet (22.8 metres below ground surface [mbgs]) and recorded as a “fresh water” and “sulphur”.
- The following information for 8923 Chippawa Creek Road was noted:
- 8923 Chippawa Creek Road was listed in Scott’s manufacturing directory as Power Grow Systems Inc., established in 1992 with work description of fertilizers (mixing only); and,
  - Grow-Rich Inc. had a CofA (industrial wastewater) in 1992.

***Surrounding Properties:***

- The following information was noted for the property at 9061 Garner Road, which was listed as a Cyte Canada Inc.- Welland and was located immediately southwest of Site 1 to the west of Garner Road:
- The property had several approvals for industrial air between 1996 and 2003;
  - The property was listed in the natural pollutant release inventory between 1993 and 2018;
  - The property had a CofA (industrial sewage and air) between 2001 and 2005;
  - The property was approved under environmental registry to discharge into the natural environment other than water (i.e., air) between 1996 and 2006;
  - The property had an ECA between 2011 and 2019 (approval type: air and industrial sewage works);
  - The property was listed under hazardous waste generator (ON1808501) between 2001 and 2018 for one or more of the following wastes: phenolic waste, non-halogenated pesticides, organic laboratory chemicals, pathological waste, waste compressed gases, organic acids alkaline waste neutralized wastes, paint/pigment/coating residues, aliphatic solvents, chemical fertilizer wastes, aromatic solvents, light fuels, oil skimming and sludges, emulsified oils, and detergent and soaps;
  - A spill was reported for the property in 2004. A total of 2,200 L of wash water was discharged to the Thompson Creek due to equipment failure. Environmental impact was identified as possible;

- Spills were reported in 2014 and 2017: estimated totals of 200 lbs and 3175 L of brine were discharged to the storm sewer due to equipment failure;
  - A spill was reported in 2019: a total of 78 L of phosphoric acid was discharged to gravel sump due to equipment failure. Environmental impact was confirmed;
  - The property was listed as a historic or closed landfill in 2016; and,
  - The property was listed in Greenhouse Gas Emissions from large facilities in 2017.
- The following information was noted for the property located at 8719 Chippawa Creek Road, approximately 190 m northeast of Site 1:
- The Regional Municipality of Niagara was listed under hazardous waste generator (ON9407435) between 2007 and 2019 for alkaline waste - other metals;
  - The property was approved as a waste disposal site between 2000 and 2018;
  - The property had a CofA (industrial air, municipal and private sewage works) between 2003 and 2008; and,
  - The property was listed in Ontario oil and gas well (1948), with a reported natural gas well, which accessed a natural gas reservoir in bedrock.

#### Site 4:

Site 4 has an area of approximately 21.3 hectares (52.53 acres) and is located on the east side of Oakwood Drive, approximately 500 m south of MacLeod Road, in the City of Niagara Falls, Ontario. The EcoLog ERIS report included the following noteworthy listings:

- The following information for 7606 Oakwood Drive, which was occupied by Regional Municipality of Niagara, was noted:
- Several spills were reported for 7606 Oakwood Drive in 2009, 2014, and 2019. An unknown amount of chlorinated sewage was discharged to the surface due to equipment failure. Environmental impact was confirmed;
  - 7606 Oakwood Drive was listed to have commercial fuel oil tanks;
  - 7606 Oakwood Drive was listed to have an ECA in 2015 for municipal and private sewage works;
  - 7606 Oakwood Drive was listed under hazardous waste generator (ON7658094 and ON8722981) between 2002 and 2016 for one or more of the following wastes: light fuels and PCBs; and,
  - 7606 Oakwood Drive had a CofA for industrial air and municipal and private sewage in 2000.
- The following information for 7868 Oakwood Drive was noted:
- Joe's Concrete Works Limited had a CofA for industrial air in 1993;
  - Ensbro Painting Contractors Ltd. was listed under hazardous waste generator (ON1305000) between 1992 and 1998 petroleum distillates;

- Krown Niagara was listed under hazardous waste generator (ON5206494) between 2005 and 2011 for waste oil skimmings and sludges; and,
- 234612 Ontario Inc. was listed a pesticide operator.

***Surrounding Properties:***

- The following information for 7888 Oakwood Drive, approximately 10 m south of Site 4, was noted:
  - A spill was reported for 7888 Oakwood Drive in 2016. A 1-inch pipeline was reportedly hit during an excavation and natural gas was released to the air;
  - Sunbelt Rental was listed under hazardous waste generator (ON95618) as of December 2018 for one or more of the following wastes: aliphatic solvents and residues, waste crankcase oils and lubricants, light fuels, waste oil and sludges (petroleum based); and,
  - One well (water supply well) was identified on the 7888 Oakwood Drive property. The well was drilled to maximum depth of 72 ft. (21.9 m). Fresh water was recorded at 21.9 m.
- 8066 Oakwood Drive, approximately 155 m south of Site 4, was occupied by Ken Warden Construction Ltd., and was listed under hazardous waste generator (ON2535600) between 1999 and October 2019 for one or more of the following wastes: waste oils and lubricants, waste crankcase oils and lubricants.
- 8108 Heartland Forest Road, approximately 500 m west of Site 4, was occupied by the Corporation of the City of Niagara Falls, had a certificate of approval for industrial air, municipal and private sewage works in 2007 and 2007.
- The following information was noted for 8208 Heartland Forest Road, which was occupied by the Corporation of the City of Niagara Falls and is located approximately 500 m southwest of Site 4:
  - 8208 Heartland Forest Road was approved under environmental registry for industrial air in 2016;
  - A spill was reported at 8208 Heartland Forest Road in 2016. A total of 200 L of diesel was discharged to the drain from a Go Transit bus at a bus stop due to equipment failure.
  - 8208 Heartland Forest Road was listed under hazardous waste generator (ON6450670) between 2015 and 2019 for one or more of the following wastes: petroleum distillates, aliphatic solvents, waste oils and lubricants, oil skimming and sludges;
- The following information for the property at 8230 Oakwood Drive, approximately 450 m south of Site 4, was noted:
  - The property had a certificate of approval for industrial air in 2000;
  - The Chair Expert Mobile Unit was approved in 2000 under environmental registry to discharge into the natural environment other than water (i.e., air);
  - Volsci Construction Co. was listed under hazardous waste generator (ON1441200) between 1992 and 2001 for one or more of the following wastes: waste oils and lubricants and petroleum distillates.



- Nexterra Substructures Incorporated was listed under hazardous waste generator (ON1441200) between 2003 and 2014 for one or more of the following wastes: petroleum distillates and waste oils and lubricants.
- The property had a record of two expired fuel storage tanks (gas/diesel).

#### **Site 5:**

Site 5 has an area of approximately 16 hectares (39.53 acres) and is located on the east side of Oakwood Drive, approximately 1.5 km south of MacLeod Road, in the City of Niagara Falls, Ontario. The EcoLog ERIS report included the following noteworthy listings:

- 8676 Oakwood Drive was occupied by Yogi Bears Jellystone Park Camp and was listed as a retail fuel outlet/propane gas and tanks in 1995.
- The following information was noted for 8620 Oakwood Drive, which was occupied by Modern Mosaic Ltd:
  - The property had a CofA (i.e., air and industrial sewage) in 2001 and 2004;
  - The property was approved under Environmental Registry to discharge into the natural environment other than water (i.e., air) in 2001; and,
  - The property was listed under an ECA between 2001 and 2004 for industrial sewage work.

#### **Surrounding Properties:**

- The following information was noted for the property at 7695 Blackburn Parkway, which was occupied by SWS Star Warning Systems Inc. and located approximately 400 m northwest of Site at Site 5:
  - The property was listed under hazardous waste generator (ON8233091) between 2006 and as of October 2019 for one or more of the following wastes: aliphatic solvents, petroleum distillates, acid waste-other metals.
- The following information was noted for the property at 8550 Oakwood Drive, which was occupied by T.T.&H Montgomery Construction and located approximately 160 m north of Site 5:
  - The property was listed under hazardous waste generator (ON2566300) between 2000 and as of October 2019 for one or more of the following wastes: waste oils and lubricants;
  - The property had a CofA (waste management system) in 2010; and,
  - The property was listed as a limited vendor (pesticide).
- 8485 Montrose Road (approximately 225 m northwest of the Site) was occupied by Alo North America Inc. and listed under hazardous waste generator (ON6044961) between 2005 and 2015 for one or more of the following wastes: waste oils and lubricants, paint/pigment/coating residues.
- 8675 Montrose Road (approximately 155 m west of the Site) reported a spill by the Regional Municipality of Niagara in 2018. Approximately a total of 500 L grey water was discharged to the land due to equipment failure.

### Site 8:

Site 8 has an area of approximately 63.39 hectares (156.64 acres) and consists of two parcels with municipal address of 6811 and 7047 Reixinger Road, in the City of Niagara Falls, Ontario. The EcoLog ERIS report included the following noteworthy listings for the surrounding properties:

#### **Surrounding Properties:**

- 6533 Reixinger Road, the adjacent property to the east of Site 8, was occupied by Lyons Creek Finishing Ltd. has the following information:
  - The property was approved in 2003 for discharge into the natural environment other than water (i.e., air); and,
  - The property had a CofA in 2004 for air.
- 7171 Reixinger Road, approximately 170 m west of Site 8, was occupied by Sealer Works Inc. and was listed under hazardous waste generator (ON5737072) between 2013 to 2018 for one or more of the following wastes: paint/pigment/coating residues.
- 7226 Reixinger Road, approximately 230 m west of the Site, was occupied by Nexterra Substructures Incorporated and was listed under hazardous waste generator ( ON8726314) between 2015 to 2018 and from October 2019 for one or more of the following wastes: wastes oil and lubricants, waste crankcase oils and lubricants.

#### **Summary Comments:**

Based on the information obtained as part of this ERIS desktop review, parts of Sites of Interest 1, 4, and 5 had a history of commercial, industrial, or waste management uses. Only Site of Interest 8 had no history of on-site commercial, industrial, or waste management uses. Although there were a range of commercial, industrial and waste management activities on properties in the vicinity of the Sites of Interest, no explicit documentation of contamination events on the neighbouring properties that may have affected the environmental condition of soil and groundwater on the Sites of Interest was found. It is a reasonable expectation, however, that the potential influence of neighbouring properties be evaluated in further detail if further investigation of specific Sites of Interest is implemented.

The PCAs that were identified for the Sites of Interest and surrounding properties included:

- PCA (#28): Gasoline and Associated Product Storage in Fixed Tanks – Based on the EcoLog ERIS reports, Site 4 has a record of one commercial storage fuel tank; Site 5 was listed as a retail fuel outlet; and the property located at 8320 Oakwood Drive, approximately midway between Sites 4 and 5, was listed to have two expired storage fuel tanks.
- PCA (#58): Waste Disposal and Waste Management– Site 1(8800 Garner Road) was identified as a waste disposal site in 2008, 2013, and 2018.

- Waste Generator Summary – Several waste generators were identified for the Sites and the surrounding properties for one or more of the following wastes: paint/pigment/coating residues, waste oil and lubricants, waste crankcase oils and lubricants, aliphatic solvents, petroleum distillates, acid waste-other metals, light fuels, and organic laboratory chemicals. The volumes wastes and the locations where these were managed on the Sites of Interest and neighbouring properties were not indicated; these would require further assessment in future investigations.

## Limitation

This letter technical memorandum (the Report) was prepared for the exclusive use of the Regional Municipality of Niagara Falls for the express purpose of providing advice with respect to the environmental condition based on the desktop records review of the Sites of Interest 1, 4, 5, and 8. In evaluating the Sites, Golder Associates Ltd. has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, are the sole responsibility of the third parties. If a third-party requests reliance on this Report, written authorization from Golder is required. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder's desktop review and assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within Golder's proposal. Distances and directions noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the sites referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder's opinions are based upon information considered at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time of the review, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the site or its surroundings. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

## Closure

Golder trusts that the above information meets your requirements at this time. Should you have any questions, please do not hesitate to contact us.



Nazanin Sajdeh, BSc, PGeo  
*Environmental Scientist*



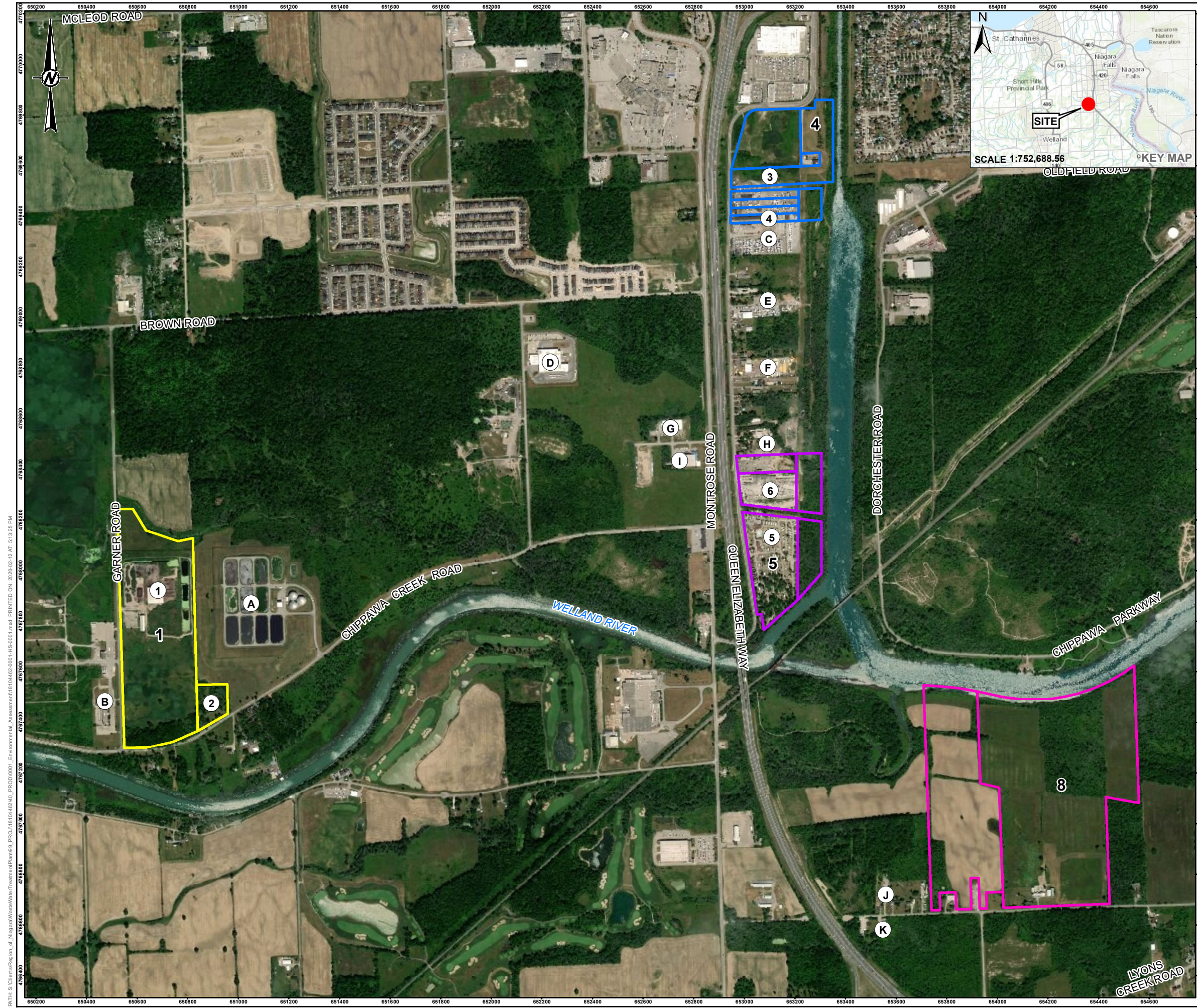
David Smyth, MSc, PGeo  
*Principal, Senior Hydrogeologist*

NS/DS/wlm/mp

Attachments: Figure 1- Site Plan and on-Site and off-Site PCAs  
Appendix A - EcoLog ERIS Report

[https://golderassociates.sharepoint.com/sites/29902g/technical work/02\\_environmental/03\\_contamination/ecolog eris desktop study/report/18104462-tm-rev0-24jun2020-ecolog eris-desktop study.docx](https://golderassociates.sharepoint.com/sites/29902g/technical%20work/02_environmental/03_contamination/ecolog%20eris%20desktop%20study/report/18104462-tm-rev0-24jun2020-ecolog%20eris-desktop%20study.docx)

## Figures



**LEGEND**

- ① ON-SITE FEATURE
- Ⓐ OFF-SITE FEATURE
- SITE 1
- SITE 4
- SITE 5
- SITE 8

**SITE 1 ON-SITE FEATURES**

- 1. 8800 GARNER ROAD - WASTE GENERATOR SUMMARY, WASTE DISPOSAL SITE
- 2. 8923 CHIPPAWA CREEK ROAD - POWER GROW SYSTEMS INC. (FERTILIZERS, MIXING ONLY)

**SITE 1 OFF-SITE FEATURES**

- A. 8719 CHIPPAWA CREEK ROAD - WASTE GENERATOR SUMMARY
- B. 9061 GARNER ROAD - WASTE GENERATOR SUMMARY

**SITE 4 ON-SITE FEATURES**

- 3. 7606 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY, COMMERCIAL STORAGE FUEL TANK
- 4. 7868 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY

**SITE 4 OFF-SITE FEATURES**

- C. 7888 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY
- D. 8208 HEARTLAND FOREST RD - SPILL OF 200 L DIESEL, WASTE GENERATOR SUMMARY
- E. 8066 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY
- F. 8230 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY, TWO EXPIRED FUEL STORAGE TANKS

**SITE 5 ON-SITE FEATURES**

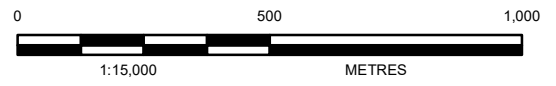
- 5. 8876 OAKWOOD DRIVE - RETAIL FUEL OUTLET
- 6. 8620 OAKWOOD DRIVE - CERTIFICATE OF APPROVAL FOR INDUSTRIAL SEWAGE

**SITE 5 OFF-SITE FEATURES**

- G. 7695 BLACKBURN PARKWAY - WASTE GENERATOR SUMMARY
- H. 8550 OAKWOOD DRIVE - WASTE GENERATOR SUMMARY
- I. 8485 MONTEROSE ROAD - WASTE GENERATOR SUMMARY

**SITE 8 OFF-SITE FEATURES**

- J. 7171 REXINIGER ROAD - WASTE GENERATOR SUMMARY
- K. 7226 REXINIGER ROAD - WASTE GENERATOR SUMMARY



**NOTE(S)**

- 1. ALL LOCATIONS ARE APPROXIMATE.

**REFERENCE(S)**

BASE DATA - MNR LIO, OBTAINED 2020  
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 BASE IMAGERY SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY  
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 PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 17N

**CLIENT**

REGION OF NIAGARA

**PROJECT**

WASTE WATER TREATMENT PLANT ENVIRONMENTAL ASSESSMENT, NIAGARA, ONTARIO

**TITLE**

SITE PLAN

**CONSULTANT**



YYYY-MM-DD	2020-02-12
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PROJECT NO.  
18104462

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 IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

**APPENDIX A**

# EcoLog ERIS Report



# DATABASE REPORT

**Project Property:** 18104462 (site 1 & 3)  
Garner Road and Chippawa Creek Road  
Niagara Falls ON L2H 2Y6

**Project No:**

**Report Type:** Quote - Custom-Build Your Own Report

**Order No:** 20190528101

**Requested by:** Golder Associates Ltd.

**Date Completed:** January 28, 2020



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# Executive Summary

## **Property Information:**

**Project Property:** 18104462 (site 1 & 3)  
Garner Road and Chippawa Creek Road Niagara Falls ON L2H 2Y6

**Project No:**

## **Order Information:**

**Order No:** 20190528101  
**Date Requested:** May 28, 2019  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	1	1
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	20	21	41
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	2	11	13
ECA	<i>Environmental Compliance Approval</i>	Y	4	20	24
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	4	4
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	13	24	37
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	1	1
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	1	1
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	4	4
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	23	23
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	1	1
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	1	1
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	1	0	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	4	4
SPL	Ontario Spills	Y	4	46	50
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	3	8	11
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	0	3
<b>Total:</b>			<b>50</b>	<b>170</b>	<b>220</b>

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	WWIS		lot 205 ON  <i>Well ID:</i> 6603359	SSE/0.0	-3.32	<a href="#">51</a>
<a href="#">2</a>	EBR	Niagara Bio Conversion Inc.	8800 Garner Road, Pt.lot 205 CITY OF NIAGARA FALLS ON	NW/0.0	7.29	<a href="#">53</a>
<a href="#">2</a>	EBR	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls Ontario L2E 6S5 Niagara Falls ON	NW/0.0	7.29	<a href="#">54</a>
<a href="#">2</a>	WDS	Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1J 8P7	NW/0.0	7.29	<a href="#">54</a>
<a href="#">2</a>	WDS	Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1H 8A9	NW/0.0	7.29	<a href="#">55</a>
<a href="#">2</a>	ECA	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	NW/0.0	7.29	<a href="#">55</a>
<a href="#">2</a>	ECA	Abitibi-Consolidated Company of Canada	8800 Garner Road, RR #2 Niagara Falls ON	NW/0.0	7.29	<a href="#">56</a>
<a href="#">2</a>	ECA	Abitibi-Consolidated Company of Canada	8800 Garner Road Niagara Falls ON L2V 3Z5	NW/0.0	7.29	<a href="#">56</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">2</a>	GEN	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	NW/0.0	7.29	<a href="#">56</a>
<a href="#">2</a>	WDS	Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1H 8A9	NW/0.0	7.29	<a href="#">57</a>
<a href="#">4</a>	WWIS		lot 206 ON  <i>Well ID: 6601394</i>	ESE/0.0	7.88	<a href="#">57</a>
<a href="#">6</a>	CA	CYTEC CANADA INC., WELLAND PLANT	GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">6</a>
<a href="#">6</a>	CA	CYTEC CANADA INC., WELLAND PLANT	GARNER RD.AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">6</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC. - WELLAND PLANT	GARNER RD.AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">62</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC.	GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">62</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC.	GARNER RD. AT CHIPPAWA CK.RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">62</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC. - WELLAND PLANT	GARNER ROAD/CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">62</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC.	GARNER RD. AND CHIPPAWA CRK.RD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">63</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">6</a>	CA	CYANAMID CANADA INC.	GARNER RD. & CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">63</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC.	GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">63</a>
<a href="#">6</a>	CA	CYANAMID CANADA INC. (WELLAND PLANT)	GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">64</a>
<a href="#">6</a>	SPL	CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">64</a>
<a href="#">6</a>	SPL	CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">65</a>
<a href="#">6</a>	SPL	CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SW/0.0	13.38	<a href="#">65</a>
<a href="#">6</a>	PTTW	Cytec Canada Inc.	Corner of Garner and Chippawa Creek Road, City of Niagara Falls CITY OF NIAGARA FALLS ON	SW/0.0	13.38	<a href="#">66</a>
<a href="#">6</a>	GEN	CYANAMID CANADA INC	WELLAND PLANT C/O P.O. BOX 240 CORNER OF GARNER/CHIPPAWA CREEK ROAD, NIAGARA FALLS ON L2E 6T4	SW/0.0	13.38	<a href="#">66</a>
<a href="#">6</a>	GEN	CYANAMID CANADA INC	WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	SW/0.0	13.38	<a href="#">67</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">6</a>	GEN	CYANAMID CANADA INC.	WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	SW/0.0	13.38	<a href="#">68</a>
<a href="#">6</a>	GEN	CYANAMID (SEE& USE ON1808501) 11-015	WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	SW/0.0	13.38	<a href="#">69</a>
<a href="#">6</a>	GEN	CYANAMID (SEE&USE ON1808501) CANADA INC.	WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	SW/0.0	13.38	<a href="#">71</a>
<a href="#">6</a>	GEN	CYTEC CANADA INC.	WELLAND PLANT, GARNER ROAD INTERSECTION WITH CHIPPEWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	SW/0.0	13.38	<a href="#">72</a>
<a href="#">6</a>	ECA	The Regional Municipality of Niagara	Garner Road and Chippawa Creek Rd Niagara Falls ON	SW/0.0	13.38	<a href="#">74</a>
<a href="#">8</a>	WWIS		lot 206 ON  <b>Well ID:</b> 6601395	E/0.0	9.73	<a href="#">74</a>
<a href="#">10</a>	CA	GROW-RICH WASTE RECYCLING SYSTEMS INC.	8800 GARNER ROAD NIAGARA FALLS CITY ON L2E 6S5	NW/0.0	7.29	<a href="#">76</a>
<a href="#">10</a>	CA	GROW-RICH INC. - PT. LOT 25	EAST SIDE OF GARNER ROAD NIAGARA FALLS CITY ON	NW/0.0	7.29	<a href="#">77</a>
<a href="#">10</a>	CA	R.M. OF NIAGARA	GARNER ROAD BIOSOLIDS STOR.FAC NIAGARA FALLS ON	NW/0.0	7.29	<a href="#">77</a>



<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">10</a>	CA	NIAGARA BIO CONVERSION INC.	8800 GARNER ROAD, PT.LOT 205 NIAGARA FALLS ON L2E 6S5	NW/0.0	7.29	<a href="#">77</a>
<a href="#">10</a>	CA	GROW-RICH INC.	PT.LOT 205,FORMER STAMFORD TWP NIAGARA FALLS ON	NW/0.0	7.29	<a href="#">78</a>
<a href="#">10</a>	SPL	POWER GROW SYSTEMS INC.	8800 GARNER ROAD 8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	NW/0.0	7.29	<a href="#">78</a>
<a href="#">10</a>	CA	GROW-RICH WASTE RECYCLING SYSTEMS INC.	8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	NW/0.0	7.29	<a href="#">78</a>
<a href="#">10</a>	CA	GROW-RICH INC.	8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	NW/0.0	7.29	<a href="#">79</a>
<a href="#">10</a>	GEN	GROW RICH WASTE RECYCLING SYSTEMS	8800 GARDNER ROAD, P.O. BOX 416 NIAGARA FALLS ON L2E 6T8	NW/0.0	7.29	<a href="#">79</a>
<a href="#">10</a>	GEN	GROW-RICH INC.	8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	NW/0.0	7.29	<a href="#">79</a>
<a href="#">10</a>	GEN	POWER GROW SYSTEMS INC. 18-365	8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	NW/0.0	7.29	<a href="#">80</a>
<a href="#">10</a>	GEN	GROW-RICH INC. 18-365	8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	NW/0.0	7.29	<a href="#">80</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#"><u>10</u></a>	GEN	POWER GROW SYSTEMS INC.	8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	NW/0.0	7.29	<a href="#"><u>80</u></a>
<a href="#"><u>10</u></a>	CA	Abitibi-Consolidated Company of Canada	8800 Garner Road, RR #2 Niagara Falls ON L2E 6S5	NW/0.0	7.29	<a href="#"><u>81</u></a>
<a href="#"><u>10</u></a>	CA	Abitibi-Consolidated Company of Canada	8800 Garner Road Niagara Falls ON L2E 6S5	NW/0.0	7.29	<a href="#"><u>81</u></a>
<a href="#"><u>10</u></a>	CA	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	NW/0.0	7.29	<a href="#"><u>81</u></a>
<a href="#"><u>11</u></a>	GEN	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON	NNW/0.0	8.37	<a href="#"><u>82</u></a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER RD.,PHOSPHINE FAC. NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>82</u></a>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>82</u></a>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER RD., WELLAND PLANT NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>83</u></a>
<a href="#"><u>3</u></a>	SCT	CYTEC CANADA INC. - WELLAND PL	9061 GARNER RD NIAGARA FALLS ON L2E	WSW/7.5	12.45	<a href="#"><u>83</u></a>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	WSW/7.5	12.45	<a href="#"><u>83</u></a>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	WSW/7.5	12.45	<a href="#"><u>84</u></a>
<a href="#"><u>3</u></a>	CA	CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	WSW/7.5	12.45	<a href="#"><u>84</u></a>
<a href="#"><u>3</u></a>	SCT	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>84</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>84</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>85</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>88</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>90</u></a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>92</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>94</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>96</u></a>
<a href="#"><u>3</u></a>	SCT	Cytec Canada Inc. - Welland Plant	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>98</u></a>
<a href="#"><u>3</u></a>	CA		9061 Garner Road Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>98</u></a>
<a href="#"><u>3</u></a>	CA		9061 Garner Road Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>98</u></a>
<a href="#"><u>3</u></a>	CA		9061 Garner Road Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>99</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>99</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>99</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garnern Road CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>100</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 GARNER ROAD CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>100</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>101</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>101</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>102</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>102</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>104</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>106</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>110</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>113</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>119</u></a>
<a href="#"><u>3</u></a>	EHS		9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>123</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>123</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>128</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>128</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>129</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>129</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>130</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>130</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>131</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>131</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>132</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>132</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>133</u></a>
<a href="#"><u>3</u></a>	NCPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>137</u></a>
<a href="#"><u>3</u></a>	NCPL	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>137</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>138</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>138</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>143</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>143</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>144</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>144</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>145</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>145</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>146</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>146</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>147</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>147</u></a>
<a href="#"><u>3</u></a>	CA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>148</u></a>
<a href="#"><u>3</u></a>	CA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>148</u></a>
<a href="#"><u>3</u></a>	CA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>148</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	CA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>149</u></a>
<a href="#"><u>3</u></a>	CA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>149</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>149</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>153</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls, Regional Municipality Of Niagara L2E 6T4 CITY OF NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>154</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>154</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>155</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>155</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>155</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>159</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>161</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>161</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>166</u></a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>168</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>169</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>171</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>171</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON	WSW/7.5	12.45	<a href="#"><u>175</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>177</u></a>
<a href="#"><u>3</u></a>	SPL	CYTEC Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>181</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>182</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>182</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>183</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>183</u></a>
<a href="#"><u>3</u></a>	EHS		9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>188</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls Regional Municipality of Niagara L2E 6S5 CITY OF NIAGARA FALLS	WSW/7.5	12.45	<a href="#"><u>189</u></a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			ON			
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>189</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>189</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>190</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>190</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>190</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>191</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>191</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>191</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>191</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>192</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	WSW/7.5	12.45	<a href="#"><u>192</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>192</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	WSW/7.5	12.45	<a href="#"><u>194</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>195</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	WSW/7.5	12.45	<a href="#"><u>197</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>199</u></a>
<a href="#"><u>3</u></a>	PES	CYTEC CANADA INC.	9061 GARNER RD NIAGARA FALLS ON L2H0Y2	WSW/7.5	12.45	<a href="#"><u>200</u></a>
<a href="#"><u>3</u></a>	NPRI	Cytec Canada Inc.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>200</u></a>
<a href="#"><u>3</u></a>	NPRI	CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	WSW/7.5	12.45	<a href="#"><u>205</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>208</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>208</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>209</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2H 0Y2	WSW/7.5	12.45	<a href="#"><u>209</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>210</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>210</u></a>

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<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>211</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>211</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>212</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>212</u></a>
<a href="#"><u>3</u></a>	LIMO	Cytec Canada Inc. Brown Road Landfill	9061 Garner Road Lot 202 Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>212</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>213</u></a>
<a href="#"><u>3</u></a>	EBR	Cytec Canada Inc.	9061 Garner Road Niagara Falls, ON L2H 0Y2 Canada ON	WSW/7.5	12.45	<a href="#"><u>214</u></a>
<a href="#"><u>3</u></a>	GHG	Welland Plant	9061 Garner Road Niagara Falls ON L2H0Y2	WSW/7.5	12.45	<a href="#"><u>214</u></a>
<a href="#"><u>3</u></a>	GEN	CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	WSW/7.5	12.45	<a href="#"><u>215</u></a>
<a href="#"><u>3</u></a>	ECA	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2H 0Y2	WSW/7.5	12.45	<a href="#"><u>217</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>218</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>218</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>219</u></a>

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<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>219</u></a>
<a href="#"><u>3</u></a>	SPL		9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>220</u></a>
<a href="#"><u>3</u></a>	SPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	WSW/7.5	12.45	<a href="#"><u>220</u></a>
<a href="#"><u>3</u></a>	NCPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>221</u></a>
<a href="#"><u>3</u></a>	NCPL	Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	WSW/7.5	12.45	<a href="#"><u>221</u></a>
<a href="#"><u>5</u></a>	CA	GROW-RICH INC.	8923 CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON L2E 6S5	E/41.3	9.78	<a href="#"><u>222</u></a>
<a href="#"><u>5</u></a>	SCT	POWER GROW SYSTEMS INC.	8923 CHIPPAWA CREEK RD RR 2 NIAGARA FALLS ON L2E 6S5	E/41.3	9.78	<a href="#"><u>222</u></a>
<a href="#"><u>7</u></a>	EHS		8800 Garner Road Niagara Falls ON L2E 6S5	NE/110.6	8.29	<a href="#"><u>222</u></a>
<a href="#"><u>7</u></a>	SPL	Terratec Environmental Ltd.	8800 Garner Rd Niagara Falls ON L2E 6S5	NE/110.6	8.29	<a href="#"><u>222</u></a>
<a href="#"><u>7</u></a>	GEN	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	NE/110.6	8.29	<a href="#"><u>223</u></a>
<a href="#"><u>7</u></a>	GEN	Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	NE/110.6	8.29	<a href="#"><u>223</u></a>
<a href="#"><u>9</u></a>	CA		8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	NE/189.3	7.48	<a href="#"><u>223</u></a>
<a href="#"><u>9</u></a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	NE/189.3	7.48	<a href="#"><u>224</u></a>

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<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">224</a>
<a href="#">9</a>	CA	The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	NE/189.3	7.48	<a href="#">225</a>
<a href="#">9</a>	CA	The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	NE/189.3	7.48	<a href="#">225</a>
<a href="#">9</a>	CA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2E 6S5	NE/189.3	7.48	<a href="#">225</a>
<a href="#">9</a>	CA	The Regional Municipality of Niagara	8719 Chippawa Creek Road, Pt. Lots 205 & 206 Niagara Falls ON	NE/189.3	7.48	<a href="#">226</a>
<a href="#">9</a>	CA	The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	NE/189.3	7.48	<a href="#">226</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	NE/189.3	7.48	<a href="#">226</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">227</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">228</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	NE/189.3	7.48	<a href="#">228</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">229</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">230</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">230</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">230</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">230</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON	NE/189.3	7.48	<a href="#">231</a>
<a href="#">9</a>	ECA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	NE/189.3	7.48	<a href="#">231</a>
<a href="#">9</a>	ECA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	NE/189.3	7.48	<a href="#">231</a>
<a href="#">9</a>	ECA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">232</a>
<a href="#">9</a>	ECA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">232</a>
<a href="#">9</a>	ECA	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	NE/189.3	7.48	<a href="#">232</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">232</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">233</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">233</a>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">233</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	NE/189.3	7.48	<a href="#">234</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">9</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	NE/189.3	7.48	<a href="#">234</a>
<a href="#">9</a>	WDS	The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	NE/189.3	7.48	<a href="#">235</a>
<a href="#">12</a>	AST		ON	WNW/234.9	7.29	<a href="#">235</a>
<a href="#">13</a>	OOGW	W.C. Patterson Gas Co. G.A. Biggar #3	Crowland ON <b>Licence No:</b> F014013	SSW/169.3	5.21	<a href="#">236</a>
<a href="#">14</a>	EHS		Garner Road And Brown Road Niagara Falls ON	N/38.1	7.16	<a href="#">238</a>



# Executive Summary: Summary By Data Source

## **AST - Aboveground Storage Tanks**

A search of the AST database, dated May 31, 2014 has found that there are 1 AST site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	234.9	<a href="#"><u>12</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 41 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER RD.,PHOSPHINE FAC. NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER RD., WELLAND PLANT NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	7.5	<u>3</u>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	7.5	<u>3</u>
CYTEC CANADA INC., WELLAND PLANT	9061 GARNER ROAD NIAGARA FALLS CITY ON	7.5	<u>3</u>
	9061 Garner Road Niagara Falls ON	7.5	<u>3</u>
	9061 Garner Road Niagara Falls ON	7.5	<u>3</u>
	9061 Garner Road Niagara Falls ON	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<u>3</u>
GROW-RICH INC.	8923 CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON L2E 6S5	41.3	<u>5</u>
CYTEC CANADA INC., WELLAND PLANT	GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	0.0	<u>6</u>
CYTEC CANADA INC., WELLAND PLANT	GARNER RD.AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	0.0	<u>6</u>
CYANAMID CANADA INC. - WELLAND PLANT	GARNER RD.AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	0.0	<u>6</u>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
CYANAMID CANADA INC.	GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC.	GARNER RD. AT CHIPPAWA CK.RD. NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC. - WELLAND PLANT	GARNER ROAD/CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC.	GARNER RD. AND CHIPPAWA CRK.RD NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC.	GARNER RD. & CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC.	GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYANAMID CANADA INC. (WELLAND PLANT)	GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Road, Pt. Lots 205 & 206 Niagara Falls ON	189.3	<a href="#"><u>9</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Regional Municipality of Niagara	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
GROW-RICH INC.	8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
Abitibi-Consolidated Company of Canada	8800 Garner Road, RR #2 Niagara Falls ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
Abitibi-Consolidated Company of Canada	8800 Garner Road Niagara Falls ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
GROW-RICH WASTE RECYCLING SYSTEMS INC.	8800 GARNER ROAD NIAGARA FALLS CITY ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
GROW-RICH INC. - PT. LOT 25	EAST SIDE OF GARNER ROAD NIAGARA FALLS CITY ON	0.0	<a href="#"><u>10</u></a>
R.M. OF NIAGARA	GARNER ROAD BIOSOLIDS STOR.FAC NIAGARA FALLS ON	0.0	<a href="#"><u>10</u></a>
NIAGARA BIO CONVERSION INC.	8800 GARNER ROAD, PT.LOT 205 NIAGARA FALLS ON L2E 6S5	0.0	<a href="#"><u>10</u></a>
GROW-RICH INC.	PT.LOT 205,FORMER STAMFORD TWP NIAGARA FALLS ON	0.0	<a href="#"><u>10</u></a>
GROW-RICH WASTE RECYCLING SYSTEMS INC.	8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	0.0	<a href="#"><u>10</u></a>

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Dec 31, 2019 has found that there are 13 EBR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Niagara Bio Conversion Inc.	8800 Garner Road, Pt.lot 205 CITY OF NIAGARA FALLS ON	0.0	<a href="#"><u>2</u></a>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls Ontario L2E 6S5 Niagara Falls ON	0.0	<a href="#"><u>2</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls Regional Municipality of Niagara L2E 6S5 CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls, ON L2H 0Y2 Canada ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario Niagara Falls ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls, Regional Municipality Of Niagara L2E 6T4 CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Cytec Canada Inc.	9061 Garnern Road CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 GARNER ROAD CITY OF NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	7.5	<a href="#"><u>3</u></a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 24 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Abitibi-Consolidated Company of Canada	8800 Garner Road Niagara Falls ON L2V 3Z5	0.0	<a href="#"><u>2</u></a>
Abitibi-Consolidated Company of Canada	8800 Garner Road, RR #2 Niagara Falls ON	0.0	<a href="#"><u>2</u></a>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	0.0	<a href="#"><u>2</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2H 0Y2	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2H 0Y2	7.5	<a href="#"><u>3</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Regional Municipality of Niagara	Garner Road and Chippawa Creek Rd Niagara Falls ON	0.0	<a href="#"><u>6</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	189.3	<a href="#"><u>9</u></a>

### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
	8800 Garner Road Niagara Falls ON L2E 6S5	110.6	<a href="#"><u>7</u></a>
	Garner Road And Brown Road Niagara Falls ON	38.1	<a href="#"><u>14</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 37 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	0.0	<a href="#"><u>2</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6T4	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	7.5	<a href="#"><u>3</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	7.5	<u>3</u>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	7.5	<u>3</u>
CYTEC CANADA INC.	WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	7.5	<u>3</u>
CYANAMID CANADA INC	WELLAND PLANT C/O P.O. BOX 240 CORNER OF GARNER/CHIPPAWA CREEK ROAD, NIAGARA FALLS ON L2E 6T4	0.0	<u>6</u>
CYANAMID CANADA INC	WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	0.0	<u>6</u>
CYANAMID CANADA INC.	WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	0.0	<u>6</u>
CYANAMID (SEE& USE ON1808501) 11-015	WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	0.0	<u>6</u>
CYANAMID (SEE&USE ON1808501) CANADA INC.	WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	0.0	<u>6</u>
CYTEC CANADA INC.	WELLAND PLANT, GARNER ROAD INTERSECTION WITH CHIPPEWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	0.0	<u>6</u>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	110.6	<u>7</u>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON L2E 6S5	110.6	<u>7</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	189.3	<a href="#"><u>9</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
GROW-RICH INC. 18-365	8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	0.0	<a href="#">10</a>
POWER GROW SYSTEMS INC.	8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	0.0	<a href="#">10</a>
GROW RICH WASTE RECYCLING SYSTEMS	8800 GARDNER ROAD, P.O. BOX 416 NIAGARA FALLS ON L2E 6T8	0.0	<a href="#">10</a>
GROW-RICH INC.	8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	0.0	<a href="#">10</a>
POWER GROW SYSTEMS INC. 18-365	8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	0.0	<a href="#">10</a>
Terratec Environmental Ltd.	8800 Garner Road Niagara Falls ON	0.0	<a href="#">11</a>

### **GHG - Greenhouse Gas Emissions from Large Facilities**

A search of the GHG database, dated 2013-Dec 2017 has found that there are 1 GHG site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Welland Plant	9061 Garner Road Niagara Falls ON L2H0Y2	7.5	<a href="#">3</a>

### **LIMO - Landfill Inventory Management Ontario**

A search of the LIMO database, dated Feb 28, 2019 has found that there are 1 LIMO site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc. Brown Road Landfill	9061 Garner Road Lot 202 Niagara Falls ON	7.5	<a href="#">3</a>

## **NCPL - Non-Compliance Reports**

A search of the NCPL database, dated Dec 31, 2018 has found that there are 4 NCPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>

## **NPRI - National Pollutant Release Inventory**

A search of the NPRI database, dated 1993-May 2017 has found that there are 23 NPRI site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Cytec Canada Inc.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC. - WELLAND PLANT	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC.	9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	7.5	<a href="#"><u>3</u></a>

### **OOGW - Ontario Oil and Gas Wells**

A search of the OOGW database, dated 1800-Jun 2019 has found that there are 1 OOGW site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
W.C. Patterson Gas Co. G.A. Biggar #3	Crowland ON  <i>Licence No:</i> F014013	169.3	<a href="#"><u>13</u></a>

### **PES - Pesticide Register**

A search of the PES database, dated 1988-Dec 2019 has found that there are 1 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CYTEC CANADA INC.	9061 GARNER RD NIAGARA FALLS ON L2H0Y2	7.5	<a href="#"><u>3</u></a>

### **PTTW - Permit to Take Water**

A search of the PTTW database, dated 1994-Dec 31, 2019 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc.	Corner of Garner and Chippawa Creek Road, City of Niagara Falls CITY OF NIAGARA FALLS ON	0.0	<a href="#"><u>6</u></a>

### **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 4 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
CYTEC CANADA INC. - WELLAND PL	9061 GARNER RD NIAGARA FALLS ON L2E	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc. - Welland Plant	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
POWER GROW SYSTEMS INC.	8923 CHIPPAWA CREEK RD RR 2 NIAGARA FALLS ON L2E 6S5	41.3	<a href="#"><u>5</u></a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jun 2019 has found that there are 50 SPL site(s) within approximately 0.25 kilometers of the project property.



<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON	7.5	<a href="#"><u>3</u></a>
CYTEC Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Rd Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<u>3</u>
Cytec Canada Inc.	9061 Garner Road Niagara Falls ON L2E 6S5	7.5	<u>3</u>
CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	0.0	<u>6</u>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
CYTEC CANADA INC.	WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	0.0	<a href="#"><u>6</u></a>
Terratec Environmental Ltd.	8800 Garner Rd Niagara Falls ON L2E 6S5	110.6	<a href="#"><u>7</u></a>
POWER GROW SYSTEMS INC.	8800 GARNER ROAD 8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	0.0	<a href="#"><u>10</u></a>

### **WDS - Waste Disposal Sites - MOE CA Inventory**

A search of the WDS database, dated 2011-Dec 31, 2019 has found that there are 11 WDS site(s) within approximately 0.25 kilometers of the project property.

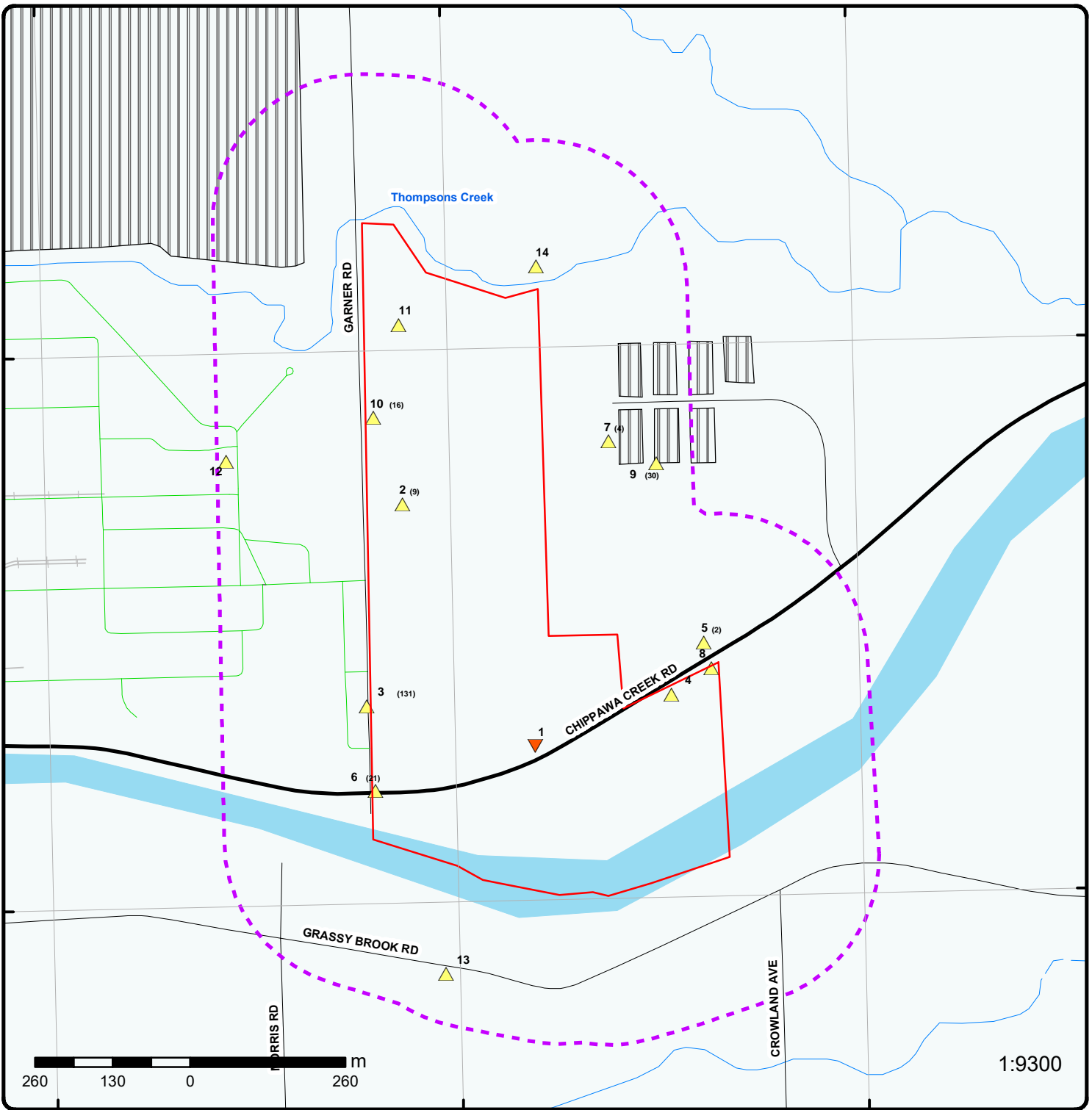
<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1J 8P7	0.0	<a href="#"><u>2</u></a>
Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1H 8A9	0.0	<a href="#"><u>2</u></a>
Power Grow Systems Inc.	8800 Garner Rd Niagara Falls ON L1H 8A9	0.0	<a href="#"><u>2</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	189.3	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	189.3	<a href="#"><u>9</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 205 ON  <i>Well ID:</i> 6603359	0.0	<a href="#"><u>1</u></a>
	lot 206 ON  <i>Well ID:</i> 6601394	0.0	<a href="#"><u>4</u></a>
	lot 206 ON  <i>Well ID:</i> 6601395	0.0	<a href="#"><u>8</u></a>



### Map : 0.25 Kilometer Radius

Order Number: 20190528101

Address: Garner Road and Chippawa Creek Road, Niagara Falls, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Ferry Route/Ice Road	Other Recreation Area
	Proposed Road		



250 125 0 250 m

1:10000

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2018

**Address: Garner Road and Chippawa Creek Road, Niagara Falls, ON**

Source: ESRI World Imagery

Order Number: 20190528101



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79°10'30"W

79°9'W

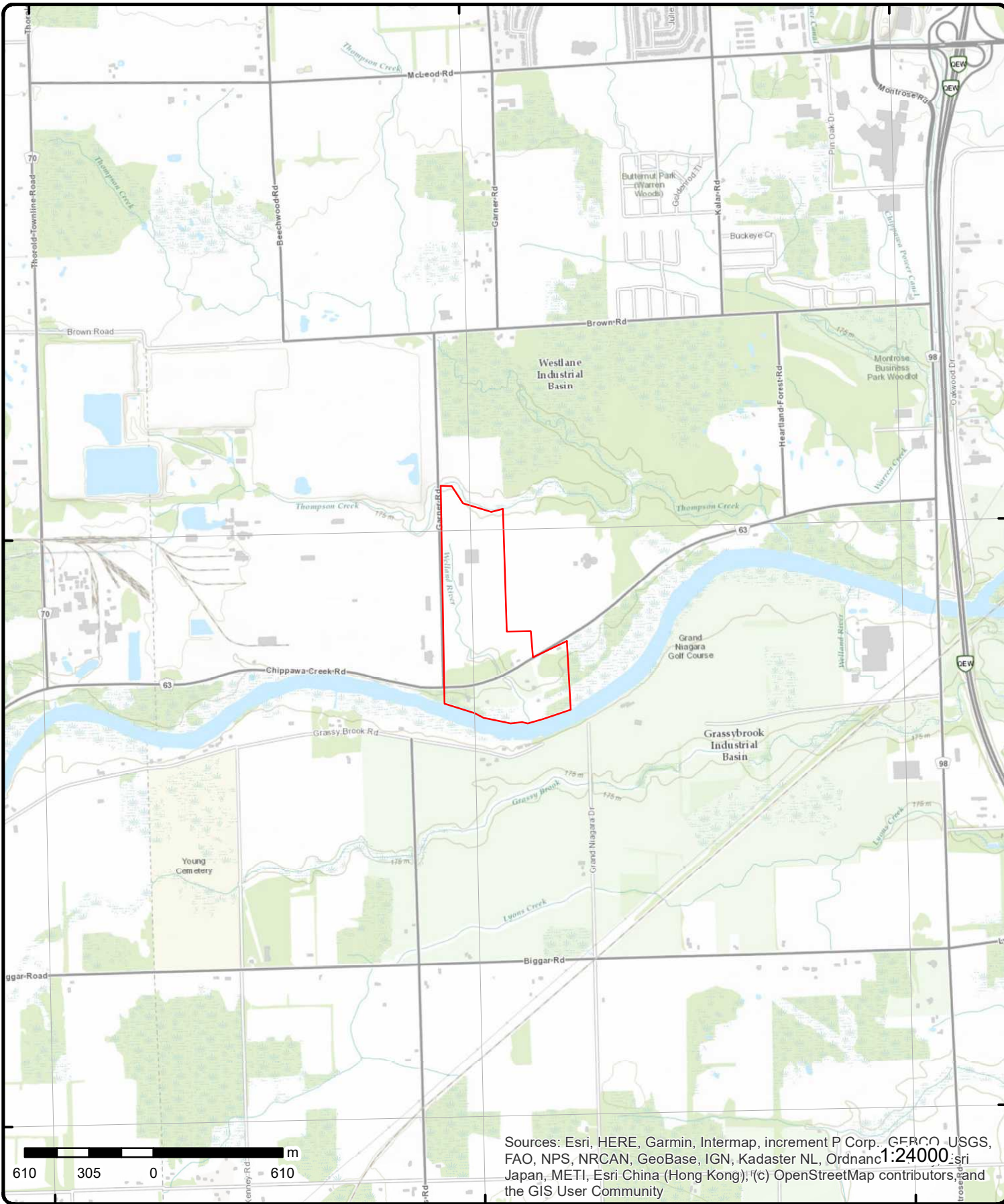
79°7'30"W

43°3'N

43°3'N

43°1'30"N

43°1'30"N



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox Contributors, and the GIS User Community

# Topographic Map

Address: Garner Road and Chippawa Creek Road, ON

Source: ESRI World Topographic Map

Order Number: 20190528101



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SSE/0.0	164.2 / -3.32	lot 205 ON	WWIS

**Well ID:** 6603359  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** 0  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/28/1979  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 3609  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** NIAGARA FALLS CITY  
**Site Info:**  
**Lot:** 205  
**Concession:**  
**Concession Name:** -  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10462974  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** 0  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 6/6/1979  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 172.062484  
**Elevrc:**  
**Zone:** 17  
**East83:** 650814.9  
**North83:** 4767363  
**Org CS:**  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** p4

**Overburden and Bedrock Materials Interval**

**Formation ID:** 932597982  
**Layer:** 2  
**Color:**  
**General Color:**  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 05  
**Other Materials:** CLAY

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		59			
<b>Formation End Depth:</b>		72			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932597983			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		12			
<b>Most Common Material:</b>		STONES			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		72			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932597981			
<b>Layer:</b>		1			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		59			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11011544			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930752258			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Depth To: 72  
 Casing Diameter: 6  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996603359  
 Pump Set At:  
 Static Level: 7  
 Final Level After Pumping: 60  
 Recommended Pump Depth: 65  
 Pumping Rate: 9  
 Flowing Rate:  
 Recommended Pump Rate: 8  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 2  
 Water State After Test: CLOUDY  
 Pumping Test Method: 2  
 Pumping Duration HR: 2  
 Pumping Duration MIN: 0  
 Flowing: N

**Water Details**

Water ID: 933950598  
 Layer: 1  
 Kind Code: 3  
 Kind: SULPHUR  
 Water Found Depth: 75  
 Water Found Depth UOM: ft

<a href="#">2</a>	1 of 9	NW/0.0	174.8 / 7.29	Niagara Bio Conversion Inc. 8800 Garner Road, Pt.lot 205 CITY OF NIAGARA FALLS ON	EBR
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**EBR Registry No:** IA8E0241  
**Ministry Ref No:** 8203598 19980220  
**Notice Type:** Instrument Decision  
**Notice Stage:** 800472465  
**Notice Date:** September 25, 1998  
**Proposal Date:** February 25, 1998  
**Year:** 1998  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Niagara Bio Conversion Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 195 County Court Boulevard, Unit #101, Brampton Ontario, L9W 4P7  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

8800 Garner Road, Pt.lot 205 CITY OF NIAGARA FALLS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">2</a>	2 of 9	NW/0.0	174.8 / 7.29	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls Ontario L2E 6S5 Niagara Falls ON	EBR

**EBR Registry No:** IA02E1430  
**Ministry Ref No:** 5958-5FCL4A  
**Notice Type:** Instrument Decision  
**Notice Stage:** 800719879  
**Notice Date:** February 17, 2003  
**Proposal Date:** November 18, 2002  
**Year:** 2002  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Terratec Environmental Ltd.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 200 Eastport Boulevard, Hamilton Ontario, L8H 7S4  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

8800 Garner Road Niagara Falls Ontario L2E 6S5 Niagara Falls

<a href="#">2</a>	3 of 9	NW/0.0	174.8 / 7.29	Power Grow Systems Inc. 8800 Garner Rd Niagara Falls ON L1J 8P7	WDS
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**Approval No:** A120212  
**Mob Unit Cert No:**  
**EBR Registry No:**  
**Status:** Approved  
**Facility Type:**  
**Record Type:** ECA  
**Link Source:** IDS  
**Project Type:** WASTE DISPOSAL SITES  
**Application Status:**  
**Issue Date:** 2008-12-09  
**Input Date:**  
**Date Received:**  
**Est Closure Date:**  
**Mobile Capacity:**  
**Mobile Units:**  
**Mobile Description:**  
**Prop City:**  
**Prop Postal:**  
**Prop Phone:**  
**Serial Link:**  
**Approval Type:** ECA-WASTE DISPOSAL SITES  
**Proponent:**  
**Prop Address:**  
**Proponent County/District:**  
**Full Address:** 8800 Garner Rd  
**Site Lot:**  
**Waste Class Code:**  
**Waste Class:**  
**Waste Type:**  
**Waste Type Other:**  
**Waste Description:**  
**Landfill Monitoring:**

**Total Area (ha):**  
**Landfill Cap (m³):**  
**Transfer Area (ha):**  
**Transfer Cap (m³):**  
**Transfer Cert No:**  
**Inciner. Area (ha):**  
**Inciner. Cap (t):**  
**Process Area (m³):**  
**Process Cap (m³/d):**  
**Process Vol (m³):**  
**Process Feed (m³):**  
**Site Concession:**  
**Site Region/County:**  
**SWP Area Name:** Niagara Peninsula  
**MOE District:** Niagara  
**District Office:**  
**Latitude:** 43.047675999999996  
**Longitude:** -79.149925  
**Geometry X:** -79.149925  
**Geometry Y:** 43.047675999999996

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2490-6YMQRW-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2490-6YMQRW-14.pdf</a>					
<a href="#">2</a>	4 of 9	NW/0.0	174.8 / 7.29	Power Grow Systems Inc. 8800 Garner Rd Niagara Falls ON L1H 8A9	WDS
<b>Approval No:</b> A120212 <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> Approved <b>Facility Type:</b> <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>Project Type:</b> WASTE DISPOSAL SITES <b>Application Status:</b> <b>Issue Date:</b> 2013-08-28 <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> ECA-WASTE DISPOSAL SITES <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> 8800 Garner Rd <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7934-8ADNRR-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7934-8ADNRR-14.pdf</a>					
<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> Niagara Peninsula <b>MOE District:</b> Niagara <b>District Office:</b> <b>Latitude:</b> 43.047675999999996 <b>Longitude:</b> -79.149925 <b>Geometry X:</b> -79.149925 <b>Geometry Y:</b> 43.047675999999996					
<a href="#">2</a>	5 of 9	NW/0.0	174.8 / 7.29	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b> 3203-5JBHQF <b>Approval Date:</b> 2003-02-13 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.149925 <b>Latitude:</b> 43.047675999999996 <b>Geometry X:</b> <b>Geometry Y:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		ECA-AIR AIR 8800 Garner Road https://www.accessenvironment.ene.gov.on.ca/instruments/5958-5FCL4A-14.pdf			
<a href="#">2</a>	6 of 9	NW/0.0	174.8 / 7.29	<b>Abitibi-Consolidated Company of Canada</b> 8800 Garner Road, RR #2 Niagara Falls ON	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		1366-4Z7PBZ 2003-11-03 Revoked and/or Replaced ECA IDS Niagara Peninsula ECA-WASTE MANAGEMENT SYSTEMS WASTE MANAGEMENT SYSTEMS 8800 Garner Road, RR #2 https://www.accessenvironment.ene.gov.on.ca/instruments/6134-4VESV2-14.pdf		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	Niagara Niagara -79.149925 43.047675999999996
<a href="#">2</a>	7 of 9	NW/0.0	174.8 / 7.29	<b>Abitibi-Consolidated Company of Canada</b> 8800 Garner Road Niagara Falls ON L2V 3Z5	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		1366-4Z7PBZ 2004-10-07 Revoked and/or Replaced ECA IDS Niagara Peninsula ECA-WASTE MANAGEMENT SYSTEMS WASTE MANAGEMENT SYSTEMS 8800 Garner Road https://www.accessenvironment.ene.gov.on.ca/instruments/8520-5VPQFM-14.pdf		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	Niagara Niagara -79.149925 43.047675999999996
<a href="#">2</a>	8 of 9	NW/0.0	174.8 / 7.29	<b>Terratec Environmental Ltd.</b> 8800 Garner Road Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON8592432 No 2014 No No 484222 DRY BULK MATERIALS TRUCKING, LOCAL		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada CO_OFFICIAL Tricia Rennie 905-312-4083 Ext.
<b>Detail(s)</b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		263			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			

<u>2</u>	9 of 9	NW/0.0	174.8 / 7.29	Power Grow Systems Inc. 8800 Garner Rd Niagara Falls ON L1H 8A9	WDS
<b>Approval No:</b>	A120212			<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>				<b>Landfill Cap (m³):</b>	
<b>EBR Registry No:</b>				<b>Transfer Area (ha):</b>	
<b>Status:</b>	Approved			<b>Transfer Cap (m³):</b>	
<b>Facility Type:</b>				<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA			<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS			<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES			<b>Process Area (m³):</b>	
<b>Application Status:</b>				<b>Process Cap (m³/d):</b>	
<b>Issue Date:</b>	2018-08-17			<b>Process Vol (m³):</b>	
<b>Input Date:</b>				<b>Process Feed (m³):</b>	
<b>Date Received:</b>				<b>Site Concession:</b>	
<b>Est Closure Date:</b>				<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>				<b>SWP Area Name:</b>	Niagara Peninsula
<b>Mobile Units:</b>				<b>MOE District:</b>	Niagara
<b>Mobile Description:</b>				<b>District Office:</b>	
<b>Prop City:</b>				<b>Latitude:</b>	43.047675999999996
<b>Prop Postal:</b>				<b>Longitude:</b>	-79.149925
<b>Prop Phone:</b>				<b>Geometry X:</b>	-79.149925
<b>Serial Link:</b>				<b>Geometry Y:</b>	43.047675999999996
<b>Approval Type:</b>	ECA-WASTE DISPOSAL SITES				
<b>Proponent:</b>					
<b>Prop Address:</b>					
<b>Proponent County/District:</b>					
<b>Full Address:</b>	8800 Garner Rd				
<b>Site Lot:</b>					
<b>Waste Class Code:</b>					
<b>Waste Class:</b>					
<b>Waste Type:</b>					
<b>Waste Type Other:</b>					
<b>Waste Description:</b>					
<b>Landfill Monitoring:</b>					
<b>Landfill Ctrl Type:</b>					
<b>Site Closing Description:</b>					
<b>Project Description:</b>					
<b>Municipalities Served:</b>					
<b>Approval Description:</b>					
<b>Other Approvals/Permits:</b>					
<b>PDF URL:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3478-ASRPMW-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3478-ASRPMW-14.pdf</a>				

<u>4</u>	1 of 1	ESE/0.0	175.4 / 7.88	lot 206 ON	WWIS
<b>Well ID:</b>	6601394			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	7/25/1960
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	5425
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):				Municipality:	NIAGARA FALLS CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	206
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

**Bore Hole Information**

Bore Hole ID:	10461128	Elevation:	175.503112
DP2BR:	72	Elevrc:	
Spatial Status:		Zone:	17
Code OB:	r	East83:	651041.9
Code OB Desc:	Bedrock	North83:	4767450
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	6/30/1960	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock**

**Materials Interval**

Formation ID:	932591585
Layer:	7
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	72
Formation End Depth:	74
Formation End Depth UOM:	ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID:	932591580
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1
Formation End Depth:	16
Formation End Depth UOM:	ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591584		
<b>Layer:</b>			6		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			11		
<b>Most Common Material:</b>			GRAVEL		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			69		
<b>Formation End Depth:</b>			72		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591582		
<b>Layer:</b>			4		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			48		
<b>Formation End Depth:</b>			57		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591579		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			02		
<b>Most Common Material:</b>			TOPSOIL		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			1		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591583		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			12		
<b>Other Materials:</b>			STONES		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		57			
<b>Formation End Depth:</b>		69			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591581			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		16			
<b>Formation End Depth:</b>		48			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009698			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749072			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		74			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749071			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		72			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Results of Well Yield Testing**

**Pump Test ID:** 996601394  
**Pump Set At:**  
**Static Level:** 6  
**Final Level After Pumping:** 8  
**Recommended Pump Depth:**  
**Pumping Rate:** 18  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 0  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Water Details**

**Water ID:** 933948673  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 72  
**Water Found Depth UOM:** ft

<u>6</u>	1 of 21	SW/0.0	180.9/ 13.38	CYTEC CANADA INC., WELLAND PLANT GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	CA
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**Certificate #:** 8-2045-95-  
**Application Year:** 95  
**Issue Date:** 4/6/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** INSTALL GLASS LINE REACTOR  
**Contaminants:** Isopropyl Alcohol, Toluene(Pentyl Methane)(Methyl Benzene)  
**Emission Control:** Vapour Condenser

<u>6</u>	2 of 21	SW/0.0	180.9/ 13.38	CYTEC CANADA INC., WELLAND PLANT GARNER RD.AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	CA
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**Certificate #:** 8-2051-95-  
**Application Year:** 95  
**Issue Date:** 5/18/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** INSTALL DISTILLATION COLUMN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminants:</b>		Phosphoric Acid			
<b>Emission Control:</b>		Venturi Scrubber,			
<a href="#">6</a>	3 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC. - WELLAND PLANT GARNER RD. AT CHIPPAWA CREEK RD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2239-91-			
<b>Application Year:</b>		91			
<b>Issue Date:</b>		5/26/1992			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Cancelled			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		THERMAL OXIDIZER			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">6</a>	4 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC. GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2023-92-			
<b>Application Year:</b>		92			
<b>Issue Date:</b>		3/16/1992			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		INSTALL BULK PHOSHORUS STORAGE TANK			
<b>Contaminants:</b>		Phosphorus			
<b>Emission Control:</b>		No Controls			
<a href="#">6</a>	5 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC. GARNER RD. AT CHIPPAWA CK. RD. NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2169-92-			
<b>Application Year:</b>		92			
<b>Issue Date:</b>		8/27/1992			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		FLARE STACK ON CALCIUM CYANAMIDE REACTOR			
<b>Contaminants:</b>		Ammonia, Nitrogen Oxides			
<b>Emission Control:</b>		Flare			
<a href="#">6</a>	6 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC. - WELLAND PLANT	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>GARNER ROAD/CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON</b>	
<b>Certificate #:</b>		8-2207-92-			
<b>Application Year:</b>		92			
<b>Issue Date:</b>		12/8/1992			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		INSTALL FORCE VENT. ON CENTRIFUGE TANKS			
<b>Contaminants:</b>		Other Organic Compounds			
<b>Emission Control:</b>		No Controls			
<u>6</u>	7 of 21	SW/0.0	180.9/ 13.38	<b>CYANAMID CANADA INC. GARNER RD. AND CHIPPAWA CRK.RD NIAGARA FALLS CITY ON</b>	CA
<b>Certificate #:</b>		4-0012-88-			
<b>Application Year:</b>		88			
<b>Issue Date:</b>		7/5/1988			
<b>Approval Type:</b>		Industrial wastewater			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		EQUALIZATION POND WITH PH CONTROL			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<u>6</u>	8 of 21	SW/0.0	180.9/ 13.38	<b>CYANAMID CANADA INC. GARNER RD. &amp; CHIPPAWA CREEK RD NIAGARA FALLS CITY ON</b>	CA
<b>Certificate #:</b>		4-0205-88-			
<b>Application Year:</b>		88			
<b>Issue Date:</b>		1/4/1989			
<b>Approval Type:</b>		Industrial wastewater			
<b>Status:</b>		Cancelled			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		MODIF. TO 4-0012-88-006			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<u>6</u>	9 of 21	SW/0.0	180.9/ 13.38	<b>CYANAMID CANADA INC. GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON</b>	CA
<b>Certificate #:</b>		4-0165-90-			
<b>Application Year:</b>		90			
<b>Issue Date:</b>		1/10/1991			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Industrial wastewater Approved in 1991			

<a href="#">6</a>	10 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC. (WELLAND PLANT) GARNER RD./CHIPPAWA CREEK RD. NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		4-0039-91-91 7/11/1991 Industrial wastewater Approved			
		SYS.TO CONTROL ZEBRA MUSSEL INFESTATION			

<a href="#">6</a>	11 of 21	SW/0.0	180.9/ 13.38	CYTEC CANADA INC. WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>		97156 3/8/1994 VALVE/FITTING LEAK OR FAILURE		<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b>  <b>Site Municipality:</b> 18101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767500.00 <b>Easting:</b> 650000.00 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	
		MATERIAL FAILURE			
		POSSIBLE Soil contamination LAND			
		3/8/1994			
		MATERIAL FAILURE			
		CYTEC CANADA INC.-H3PO4 TO CONTAINED AREA, CLEANED.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	12 of 21	SW/0.0	180.9/ 13.38	CYTEC CANADA INC. WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b>	109277			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	1/18/1995			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	VALVE/FITTING LEAK OR FAILURE			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	18101
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	AIR			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767500.00
<b>MOE Response:</b>				<b>Easting:</b>	650000.00
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	1/18/1995			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	OVERSTRESS/OVERPRESSURE			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	CYTEC CANADA-25 MIN PHOSPHORIC ANHYDRIDE TO AIR: ERP CALLOUT				
<b>Contaminant Qty:</b>					

<u>6</u>	13 of 21	SW/0.0	180.9/ 13.38	CYTEC CANADA INC. WELLAND PLANT GARNER ROAD/CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b>	111858			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	4/11/1995			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	UNKNOWN			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	18101
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	AIR			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767500.00
<b>MOE Response:</b>				<b>Easting:</b>	650000.00
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	4/11/1995			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	FIRE/EXPLOSION			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	CYTEC-UNINTENTIONAL FIRE AT RUBBISH SITE.CAUSE UNKSMOKE EMISSIONS. FIRE OUT				
<b>Contaminant Qty:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">6</a>	14 of 21	SW/0.0	180.9 / 13.38	Cytec Canada Inc. Corner of Garner and Chippawa Creek Road, City of Niagara Falls CITY OF NIAGARA FALLS ON	PTTW
<b>EBR Registry No:</b> IA9E0478 <b>Ministry Ref No:</b> 23004367 <b>Notice Type:</b> Instrument Decision <b>Notice Stage:</b> <b>Notice Date:</b> August 27, 1999 <b>Proposal Date:</b> April 16, 1999 <b>Year:</b> 1999 <b>Instrument Type:</b> (OWRA s. 34) - Permit to Take Water <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> Cytec Canada Inc. <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4 <b>Comment Period:</b> <b>URL:</b> <b>Site Location Details:</b> Corner of Garner and Chippawa Creek Road, City of Niagara Falls CITY OF NIAGARA FALLS					
<a href="#">6</a>	15 of 21	SW/0.0	180.9 / 13.38	CYANAMID CANADA INC WELLAND PLANT C/O P.O. BOX 240 CORNER OF GARNER/CHIPPAWA CREEK ROAD, NIAGARA FALLS ON L2E 6T4	GEN
<b>Generator No:</b> ON0015501 <b>Status:</b> <b>Approval Years:</b> 86,87 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 3721 <b>SIC Description:</b> CHEM. FETILIZER IND. <b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 112					
<b>Waste Class Desc:</b> ACID WASTE - HEAVY METALS					
<b>Waste Class:</b> 147					
<b>Waste Class Desc:</b> CHEMICAL FERTILIZER WASTES					
<b>Waste Class:</b> 148					
<b>Waste Class Desc:</b> INORGANIC LABORATORY CHEMICALS					
<b>Waste Class:</b> 211					
<b>Waste Class Desc:</b> AROMATIC SOLVENTS					
<b>Waste Class:</b> 212					
<b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					
<b>Waste Class:</b> 221					
<b>Waste Class Desc:</b> LIGHT FUELS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		269			
<b>Waste Class Desc:</b>		NON-HALOGENATED PESTICIDES			

<u>6</u>	16 of 21	SW/0.0	180.9/ 13.38	CYANAMID CANADA INC WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	GEN
<b>Generator No:</b>	ON0015501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	88,89			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3721				
<b>SIC Description:</b>	CHEM. FETILIZER IND.				

Detail(s)

<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				
<b>Waste Class:</b>	113				
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS				
<b>Waste Class:</b>	121				
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS				
<b>Waste Class:</b>	132				
<b>Waste Class Desc:</b>	NEUTRALIZED WASTES - OTHER METALS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	147				
<b>Waste Class Desc:</b>	CHEMICAL FERTILIZER WASTES				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	211				
<b>Waste Class Desc:</b>	AROMATIC SOLVENTS				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		269			
<b>Waste Class Desc:</b>		NON-HALOGENATED PESTICIDES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			

<a href="#">6</a>	17 of 21	SW/0.0	180.9 / 13.38	CYANAMID CANADA INC. WELLAND PLANT C/O P.O. BOX 240 GARNER ROAD AT CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6T4	GEN
<b>Generator No:</b>	ON0015501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3721				
<b>SIC Description:</b>	CHEM. FETILIZER IND.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		269			
<b>Waste Class Desc:</b>		NON-HALOGENATED PESTICIDES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		147			
<b>Waste Class Desc:</b>		CHEMICAL FERTILIZER WASTES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			

<u>6</u>	18 of 21	SW/0.0	180.9 / 13.38	CYANAMID (SEE& USE ON1808501) 11-015 WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	GEN
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<b>Generator No:</b>	ON0015501	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	92,93,94,95,96,97	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3721		
<b>SIC Description:</b>	CHEM. FETILIZER IND.		

**Detail(s)**

<b>Waste Class:</b>	147
<b>Waste Class Desc:</b>	CHEMICAL FERTILIZER WASTES
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>			132		
<b>Waste Class Desc:</b>			NEUTRALIZED WASTES - OTHER METALS		
<b>Waste Class:</b>			232		
<b>Waste Class Desc:</b>			POLYMERIC RESINS		
<b>Waste Class:</b>			241		
<b>Waste Class Desc:</b>			HALOGENATED SOLVENTS		
<b>Waste Class:</b>			145		
<b>Waste Class Desc:</b>			PAINT/PIGMENT/COATING RESIDUES		
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>			OTHER SPECIFIED INORGANICS		
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>			INORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>			AROMATIC SOLVENTS		
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>			ALIPHATIC SOLVENTS		
<b>Waste Class:</b>			242		
<b>Waste Class Desc:</b>			HALOGENATED PESTICIDES		
<b>Waste Class:</b>			243		
<b>Waste Class Desc:</b>			PCB'S		
<b>Waste Class:</b>			251		
<b>Waste Class Desc:</b>			OIL SKIMMINGS & SLUDGES		
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>			WASTE OILS & LUBRICANTS		
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>			ORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			266		
<b>Waste Class Desc:</b>			PHENOLIC WASTES		
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>			AMINES		
<b>Waste Class:</b>			269		
<b>Waste Class Desc:</b>			NON-HALOGENATED PESTICIDES		
<b>Waste Class:</b>			113		
<b>Waste Class Desc:</b>			ACID WASTE - OTHER METALS		
<b>Waste Class:</b>			121		
<b>Waste Class Desc:</b>			ALKALINE WASTES - HEAVY METALS		
<b>Waste Class:</b>			213		
<b>Waste Class Desc:</b>			PETROLEUM DISTILLATES		
<b>Waste Class:</b>			221		
<b>Waste Class Desc:</b>			LIGHT FUELS		
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>			HEAVY FUELS		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<u>6</u>	19 of 21	SW/0.0	180.9/ 13.38	CYANAMID (SEE&USE ON1808501) CANADA INC. WELLAND PLANT, GARNER ROAD, INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON0015501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	98			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3721				
<b>SIC Description:</b>		CHEM. FETILIZER IND.			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		147			
<b>Waste Class Desc:</b>		CHEMICAL FERTILIZER WASTES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		242			
<b>Waste Class Desc:</b>		HALOGENATED PESTICIDES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		269			
<b>Waste Class Desc:</b>		NON-HALOGENATED PESTICIDES			

<u>6</u>	20 of 21	SW/0.0	180.9 / 13.38	<b>CYTEC CANADA INC. WELLAND PLANT, GARNER ROAD INTERSECTION WITH CHIPPEWA CREEK ROAD NIAGARA FALLS ON L2E 6T4</b>	<b>GEN</b>
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	97,98,99,00			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3711				
<b>SIC Description:</b>	IND. INORGANIC CHEM.				

**Detail(s)**

<b>Waste Class:</b>	114
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	135
<b>Waste Class Desc:</b>	REACTIVE ANION WASTES
<b>Waste Class:</b>	132
<b>Waste Class Desc:</b>	NEUTRALIZED WASTES - OTHER METALS
<b>Waste Class:</b>	133
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES
<b>Waste Class:</b>	134
<b>Waste Class Desc:</b>	SULPHIDE-CONTAINING WASTES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>			147		
<b>Waste Class Desc:</b>			CHEMICAL FERTILIZER WASTES		
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>			INORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			150		
<b>Waste Class Desc:</b>			INERT INORGANIC WASTES		
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>			AROMATIC SOLVENTS		
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>			ALIPHATIC SOLVENTS		
<b>Waste Class:</b>			213		
<b>Waste Class Desc:</b>			PETROLEUM DISTILLATES		
<b>Waste Class:</b>			221		
<b>Waste Class Desc:</b>			LIGHT FUELS		
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>			HEAVY FUELS		
<b>Waste Class:</b>			232		
<b>Waste Class Desc:</b>			POLYMERIC RESINS		
<b>Waste Class:</b>			241		
<b>Waste Class Desc:</b>			HALOGENATED SOLVENTS		
<b>Waste Class:</b>			242		
<b>Waste Class Desc:</b>			HALOGENATED PESTICIDES		
<b>Waste Class:</b>			243		
<b>Waste Class Desc:</b>			PCB'S		
<b>Waste Class:</b>			251		
<b>Waste Class Desc:</b>			OIL SKIMMINGS & SLUDGES		
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>			WASTE OILS & LUBRICANTS		
<b>Waste Class:</b>			262		
<b>Waste Class Desc:</b>			DETERGENTS/SOAPS		
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>			ORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			266		
<b>Waste Class Desc:</b>			PHENOLIC WASTES		
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>			AMINES		
<b>Waste Class:</b>			269		
<b>Waste Class Desc:</b>			NON-HALOGENATED PESTICIDES		
<b>Waste Class:</b>			312		
<b>Waste Class Desc:</b>			PATHOLOGICAL WASTES		
<b>Waste Class:</b>			331		
<b>Waste Class Desc:</b>			WASTE COMPRESSED GASES		
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>			ACID WASTE - HEAVY METALS		



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<a href="#">6</a>	21 of 21	SW/0.0	180.9 / 13.38	The Regional Municipality of Niagara Garner Road and Chippawa Creek Rd Niagara Falls ON	ECA
<b>Approval No:</b>		3049-6D4J53		<b>MOE District:</b>	
<b>Approval Date:</b>		2005-06-08		<b>City:</b>	
<b>Status:</b>		Approved		<b>Longitude:</b>	
<b>Record Type:</b>		ECA		<b>Latitude:</b>	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-Municipal Drinking Water Systems			
<b>Project Type:</b>		Municipal Drinking Water Systems			
<b>Address:</b>		Garner Road and Chippawa Creek Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>					
<a href="#">8</a>	1 of 1	E/0.0	177.3 / 9.73	lot 206 ON	WWIS
<b>Well ID:</b>		6601395		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b>	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	
<b>Casing Material:</b>				<b>Form Version:</b>	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	
<b>Elevation (m):</b>				<b>Municipality:</b>	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>		10461129		<b>Elevation:</b>	
<b>DP2BR:</b>		55		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	
<b>Code OB:</b>		r		<b>East83:</b>	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b>	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	
<b>Date Completed:</b>		6/5/1948		<b>UTMRC Desc:</b>	
<b>Remarks:</b>				<b>Location Method:</b>	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Overburden and Bedrock  
Materials Interval**

Formation ID: 932591586  
 Layer: 1  
 Color:  
 General Color:  
 Mat1: 05  
 Most Common Material: CLAY  
 Mat2:  
 Other Materials:  
 Mat3:  
 Other Materials:  
 Formation Top Depth: 0  
 Formation End Depth: 4  
 Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932591587  
 Layer: 2  
 Color: 3  
 General Color: BLUE  
 Mat1: 05  
 Most Common Material: CLAY  
 Mat2:  
 Other Materials:  
 Mat3:  
 Other Materials:  
 Formation Top Depth: 4  
 Formation End Depth: 55  
 Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932591588  
 Layer: 3  
 Color:  
 General Color:  
 Mat1: 15  
 Most Common Material: LIMESTONE  
 Mat2:  
 Other Materials:  
 Mat3:  
 Other Materials:  
 Formation Top Depth: 55  
 Formation End Depth: 60  
 Formation End Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID:  
 Method Construction Code: 1  
 Method Construction: Cable Tool  
 Other Method Construction:

**Pipe Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		11009699			
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930749073			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		56			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930749074			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		996601395			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		40			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933948674			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

[10](#)

1 of 16

NW/0.0

174.8 / 7.29

GROW-RICH WASTE RECYCLING SYSTEMS  
INC.  
8800 GARNER ROAD  
NIAGARA FALLS CITY ON L2E 6S5

CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>Certificate #:</b> 8-2044-89- <b>Application Year:</b> 89 <b>Issue Date:</b> 6/23/1989 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> ODOUR CONTROL FOR ORG.WASTE COMPOST ETC <b>Contaminants:</b> Odour/Fumes <b>Emission Control:</b>	
<a href="#">10</a>	2 of 16	NW/0.0	174.8 / 7.29	GROW-RICH INC. - PT. LOT 25 EAST SIDE OF GARNER ROAD NIAGARA FALLS CITY ON	CA
				<b>Certificate #:</b> 4-0087-91- <b>Application Year:</b> 91 <b>Issue Date:</b> 10/3/1991 <b>Approval Type:</b> Industrial wastewater <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> STORMWATER COLLECTION & DISCHARGE SYSTEM <b>Contaminants:</b> <b>Emission Control:</b>	
<a href="#">10</a>	3 of 16	NW/0.0	174.8 / 7.29	R.M. OF NIAGARA GARNER ROAD BIOSOLIDS STOR.FAC NIAGARA FALLS ON	CA
				<b>Certificate #:</b> 8-2104-98- <b>Application Year:</b> 98 <b>Issue Date:</b> 7/27/1998 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> BIOSOLIDS STORAGE TANKS & LAGOONS <b>Contaminants:</b> <b>Emission Control:</b>	
<a href="#">10</a>	4 of 16	NW/0.0	174.8 / 7.29	NIAGARA BIO CONVERSION INC. 8800 GARNER ROAD, PT.LOT 205 NIAGARA FALLS ON L2E 6S5	CA
				<b>Certificate #:</b> 8-2035-98- <b>Application Year:</b> 98 <b>Issue Date:</b> 9/29/1998 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> AEROBIC THERMOPHILIC FERMENTATION PROC. <b>Contaminants:</b> Odour/Fumes, Nitrogen Oxides, Suspended Particulate Matter, Other Organic Compounds, Other Contaminant <b>Emission Control:</b> Thermal Incineration, Venturi Scrubber, Cyclone					
<a href="#">10</a>	5 of 16	NW/0.0	174.8 / 7.29	GROW-RICH INC. PT.LOT 205,FORMER STAMFORD TWP NIAGARA FALLS ON	CA
<b>Certificate #:</b> 4-0025-92- <b>Application Year:</b> 92 <b>Issue Date:</b> // <b>Approval Type:</b> Industrial wastewater <b>Status:</b> RE1 <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> ADD AERATION EQUIP.TO HOLDING CELLS 1&2 <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">10</a>	6 of 16	NW/0.0	174.8 / 7.29	POWER GROW SYSTEMS INC. 8800 GARNER ROAD 8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	SPL
<b>Ref No:</b> 180897 <b>Site No:</b> <b>Incident Dt:</b> 5/17/2000 <b>Year:</b> <b>Incident Cause:</b> UNKNOWN <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> POSSIBLE <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> AIR <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 5/17/2000 <b>Dt Document Closed:</b> <b>Incident Reason:</b> FIRE/EXPLOSION <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> POWER GROW-FIRE OF 100000 TONS OF CLEAN WOOD CHIPS - RUNOFF CONTAINED.F/D. <b>Contaminant Qty:</b>					
<a href="#">10</a>	7 of 16	NW/0.0	174.8 / 7.29	GROW-RICH WASTE RECYCLING SYSTEMS INC.	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	
<b>Certificate #:</b>		4-0029-89-000			
<b>Application Year:</b>		89			
<b>Issue Date:</b>		4/13/89			
<b>Approval Type:</b>		Industrial wastewater			
<b>Status:</b>		Application Cancelled			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		SEASONAL SPRAY IRRIGATION SYSTEM			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<b>10</b>	8 of 16	NW/0.0	174.8 / 7.29	GROW-RICH INC. 8800 GARNER RD. NIAGARA FALLS CITY ON L2E 6S5	CA
<b>Certificate #:</b>		4-0089-89-010			
<b>Application Year:</b>		89			
<b>Issue Date:</b>		6/27/89			
<b>Approval Type:</b>		Industrial wastewater			
<b>Status:</b>		Nullity, Letter of Concurrence issued			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		PH ADJUSTMENT FOR ODOUR CONTROL			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<b>10</b>	9 of 16	NW/0.0	174.8 / 7.29	GROW RICH WASTE RECYCLING SYSTEMS 8800 GARDNER ROAD, P.O. BOX 416 NIAGARA FALLS ON L2E 6T8	GEN
<b>Generator No:</b>	ON0381400			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	86,87,88			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	0000				
<b>SIC Description:</b>		*** NOT DEFINED ***			
<b>10</b>	10 of 16	NW/0.0	174.8 / 7.29	GROW-RICH INC. 8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	GEN
<b>Generator No:</b>	ON0381400			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	89,90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3999				
<b>SIC Description:</b>		OTHER MANU. PROD.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<a href="#">10</a>	11 of 16	NW/0.0	174.8 / 7.29	POWER GROW SYSTEMS INC. 18-365 8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	GEN
Generator No:		ON0381400		PO Box No:	
Status:				Country:	
Approval Years:		92,93,95,96,97,98		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		3999			
SIC Description:		OTHER MANU. PROD.			
<u>Detail(s)</u>					
Waste Class:		149			
Waste Class Desc:		LANDFILL LEACHATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<a href="#">10</a>	12 of 16	NW/0.0	174.8 / 7.29	GROW-RICH INC. 18-365 8800 GARNER ROAD, NIAGARA FALLS C/O 3155 HURON CHURCH ROAD WINDSOR ON L2E 6S5	GEN
Generator No:		ON0381400		PO Box No:	
Status:				Country:	
Approval Years:		94		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		3999			
SIC Description:		OTHER MANU. PROD.			
<u>Detail(s)</u>					
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<a href="#">10</a>	13 of 16	NW/0.0	174.8 / 7.29	POWER GROW SYSTEMS INC. 8800 GARNER ROAD NIAGARA FALLS ON L2E 6S5	GEN
Generator No:		ON0381400		PO Box No:	
Status:				Country:	
Approval Years:		99,00,01		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Code:</b> 3999 <b>SIC Description:</b> OTHER MANU. PROD.					
<b>Detail(s)</b>					
<b>Waste Class:</b> 149 <b>Waste Class Desc:</b> LANDFILL LEACHATES					
<b>Waste Class:</b> 221 <b>Waste Class Desc:</b> LIGHT FUELS					
<b>Waste Class:</b> 252 <b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<a href="#">10</a>	14 of 16	NW/0.0	174.8 / 7.29	Abitibi-Consolidated Company of Canada 8800 Garner Road, RR #2 Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 1366-4Z7PBZ <b>Application Year:</b> 2003 <b>Issue Date:</b> 11/3/2003 <b>Approval Type:</b> Waste Management Systems <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">10</a>	15 of 16	NW/0.0	174.8 / 7.29	Abitibi-Consolidated Company of Canada 8800 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 1366-4Z7PBZ <b>Application Year:</b> 2004 <b>Issue Date:</b> 10/7/2004 <b>Approval Type:</b> Waste Management Systems <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">10</a>	16 of 16	NW/0.0	174.8 / 7.29	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 3203-5JBHQF <b>Application Year:</b> 2003 <b>Issue Date:</b> 2/13/2003 <b>Approval Type:</b> Air <b>Status:</b> Approved <b>Application Type:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">11</a>	1 of 1	NNW/0.0	175.9 / 8.37	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON8592432			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484222				
<b>SIC Description:</b>	DRY BULK MATERIALS TRUCKING, LOCAL				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<a href="#">3</a>	1 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER RD.,PHOSPHINE FAC. NIAGARA FALLS ON	CA
<b>Certificate #:</b>	8-2207-98-				
<b>Application Year:</b>	98				
<b>Issue Date:</b>	11/30/1998				
<b>Approval Type:</b>	Industrial air				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>	VENT FAN FOR CYLINDER BOTTLING AREA				
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	2 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON	CA
<b>Certificate #:</b>	8-2149-98-				
<b>Application Year:</b>	98				
<b>Issue Date:</b>	12/14/1998				
<b>Approval Type:</b>	Industrial air				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Approved      INSTALL VENTS FOR TWO STORAGE TANKS 1,5 Cyclooctadiene, Droperidol No Controls			
<a href="#">3</a>	3 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER RD., WELLAND PLANT NIAGARA FALLS ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		4-0063-98- 98 // Industrial wastewater In progress         CYANIDE REMOVAL FROM EFFLUENT			
<a href="#">3</a>	4 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. - WELLAND PL 9061 GARNER RD NIAGARA FALLS ON L2E	SCT
<b>Established:</b> <b>Plant Size (ft²):</b> <b>Employment:</b>  <b>--Details--</b> <b>Description:</b> <b>SIC/NAICS Code:</b>		1994 0 105  All Other Basic Inorganic Chemical Manufacturing 325189			
<a href="#">3</a>	5 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		8-2213-96- 96 11/12/1996 Industrial air Approved         ROOF-TOP FAN FOR ELECTRONIC CHEM. BLDG. Other Organic Compounds No Controls			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	6 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2279-96-			
<b>Application Year:</b>		96			
<b>Issue Date:</b>		2/3/1997			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>					
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		NEW LABORATORY FUME HOOD			
<b>Contaminants:</b>		Toluene(Pentyl Methane)(Methyl Benzene), Other Contaminant			
<b>Emission Control:</b>		No Controls			
<u>3</u>	7 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC., WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2284-97-			
<b>Application Year:</b>		97			
<b>Issue Date:</b>		2/23/1998			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>					
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		EMERGENCY VENT ON EFFLUENT TANK			
<b>Contaminants:</b>		Other Contaminant			
<b>Emission Control:</b>		No Controls			
<u>3</u>	8 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SCT
<b>Established:</b>		01-JAN-94			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		All Other Basic Inorganic Chemical Manufacturing			
<b>SIC/NAICS Code:</b>		325189			
<u>3</u>	9 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. - WELLAND PLANT 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>		222		<b>Org ID:</b> 11155	
<b>Other ID:</b>				<b>Submit Date:</b>	
<b>No Other ID:</b>				<b>Last Modified:</b> 5/29/2015 3:28:24 PM	
<b>Track ID:</b>		688		<b>Contact ID:</b>	
<b>Report ID:</b>				<b>Cont Type:</b>	
<b>Report Type:</b>		NPRI		<b>Contact Title:</b>	
<b>Rpt Type ID:</b>		1		<b>Cont First Name:</b>	
<b>Report Year:</b>		1993		<b>Cont Last Name:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Not-Current Rpt?:</b> No <b>Yr of Last Filed Rpt:</b> 2014 <b>Fac ID:</b> 37029 <b>Fac Name:</b> NOT AVAILABLE <b>Fac Address1:</b> 9061 GARNER ROAD <b>Fac Address2:</b> NOT AVAILABLE <b>Fac Postal Zip:</b> L2E6S5 <b>Facility Lat:</b> 43.0472 <b>Facility Long:</b> -79.1583 <b>DLS (Last Filed Rpt):</b> <b>Facility DLS:</b> <b>Datum:</b> 1983 <b>Facility Cmnts:</b> <b>URL:</b> <b>No of Empl.:</b> <b>Parent Co.:</b> <b>No Parent Co.:</b> <b>Pollut Prev Cmnts:</b> <b>Stacks:</b> <b>No of Stacks:</b> <b>Canadian SIC Code (2 digit):</b> <b>Canadian SIC Code:</b> <b>SIC Code Description:</b> <b>American SIC Code:</b> <b>NAICS Code (2 digit):</b> 32 <b>NAICS 2 Description:</b> Manufacturing <b>NAICS Code (4 digit):</b> 3259 <b>NAICS 4 Description:</b> Other chemical product manufacturing <b>NAICS Code (6 digit):</b> 325999 <b>NAICS 6 Description:</b> All other miscellaneous chemical product manufacturing		<b>Contact Position:</b> <b>Contact Fax:</b> <b>Contact Ph.:</b> <b>Cont Area Code:</b> <b>Contact Tel.:</b> <b>Contact Ext.:</b> <b>Cont Fax Area Cde:</b> <b>Contact Fax:</b> <b>Contact Email:</b> <b>Latitude:</b> 43.0472 <b>Longitude:</b> -79.1583 <b>UTM Zone:</b> <b>UTM Northing:</b> <b>UTM Easting:</b> <b>Waste Streams:</b> <b>No Streams:</b> <b>Waste Off Sites:</b> <b>No Off Sites:</b> <b>Shutdown:</b> <b>No of Shutdown:</b>			
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b> 1 <b>Category Type Desc:</b> Stack / Point <b>Category Type Desc (fr):</b> Rejets de cheminée ou ponctuels <b>Grouping:</b> Total Air <b>Trans Code:</b> ASta <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> .1 <b>Unit:</b> tonnes <b>Basis of Estimate Cd:</b> E <b>Basis of Estimate Desc:</b> E- Emission Factor - In use from 1994 to 2002					
<b>Category Type ID:</b> 7 <b>Category Type Desc:</b> Direct Discharges <b>Category Type Desc (fr):</b> Évacuation directes <b>Grouping:</b> Total Water <b>Trans Code:</b> WatD <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> 39.707 <b>Unit:</b> tonnes <b>Basis of Estimate Cd:</b> M <b>Basis of Estimate Desc:</b> M- Monitoring or Direct Measurement - In use from 1994 to 2002					
<a href="#"><u>3</u></a>	10 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. - WELLAND PLANT 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b> 11155	
<b>Other ID:</b>	Y			<b>Submit Date:</b> 9/26/2001	
<b>No Other ID:</b>	2			<b>Last Modified:</b> 5/29/2015 3:28:24 PM	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Track ID:</b>	694			<b>Contact ID:</b>	75191
<b>Report ID:</b>				<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	A.
<b>Report Year:</b>	1995			<b>Cont Last Name:</b>	MUELLER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	NOT AVAILABLE
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745879
<b>Fac ID:</b>	37029			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	NOT AVAILABLE			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745879
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	17
<b>Facility Cmnts:</b>	FALSE			<b>UTM Northing:</b>	4767500
<b>URL:</b>				<b>UTM Easting:</b>	650000
<b>No of Empl.:</b>	85			<b>Waste Streams:</b>	TRUE
<b>Parent Co.:</b>	*			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	0			<b>Waste Off Sites:</b>	FALSE
<b>Pollut Prev Cmnts:</b>	FALSE			<b>No Off Sites:</b>	0
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

**Category Type ID:** 1  
**Category Type Desc:** Stack / Point  
**Category Type Desc (fr):** Rejets de cheminée ou ponctuels  
**Grouping:** Total Air  
**Trans Code:** ASta  
**Chem:** Ammonia (total)  
**Chem (fr):** Ammoniac (total)  
**Quantity:** .1  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Formaldehyde  
**Chem (fr):** Formaldéhyde  
**Quantity:** .049  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 7  
**Category Type Desc:** Direct Discharges  
**Category Type Desc (fr):** Évacuation directes

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		10.831			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Chlorure d'hydrogène			
<b>Quantity:</b>		.244			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphoric acid			
<b>Chem (fr):</b>		Acide phosphorique			
<b>Quantity:</b>		.009			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		9			
<b>Category Type Desc:</b>		Leaks			
<b>Category Type Desc (fr):</b>		Fuites			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatL			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Toluene				
<b>Chem (fr):</b>	Toluène				
<b>Quantity:</b>	.019				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			

<u>3</u>	11 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	44832
<b>Other ID:</b>	Y			<b>Submit Date:</b>	6/24/1997
<b>No Other ID:</b>	2			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	693			<b>Contact ID:</b>	77033
<b>Report ID:</b>				<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	ANTON
<b>Report Year:</b>	1996			<b>Cont Last Name:</b>	MUELLER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	37030			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	CYTEC CANADA INC. - WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	17
<b>Facility Cmnts:</b>	FALSE			<b>UTM Northing:</b>	4767500
<b>URL:</b>				<b>UTM Easting:</b>	650000
<b>No of Empl.:</b>	85			<b>Waste Streams:</b>	TRUE
<b>Parent Co.:</b>	*			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	0			<b>Waste Off Sites:</b>	FALSE
<b>Pollut Prev Cmnts:</b>	FALSE			<b>No Off Sites:</b>	0
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphoric acid			
<b>Chem (fr):</b>		Acide phosphorique			
<b>Quantity:</b>		.009			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.251			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.054			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (yellow or white)			
<b>Chem (fr):</b>		Phosphore (jaune ou blanc)			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.02			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool isopropylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		9.485			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASa			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.1			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			

<u>3</u>	12 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	<b>NPRI</b>
<b>NPRI ID:</b>	222	<b>Org ID:</b>	44832		
<b>Other ID:</b>	Y	<b>Submit Date:</b>	5/26/1998		
<b>No Other ID:</b>	2	<b>Last Modified:</b>	5/29/2015 3:28:24 PM		
<b>Track ID:</b>	692	<b>Contact ID:</b>	77033		
<b>Report ID:</b>		<b>Cont Type:</b>	MED		
<b>Report Type:</b>	NPRI	<b>Contact Title:</b>			
<b>Rpt Type ID:</b>	1	<b>Cont First Name:</b>	ANTON		
<b>Report Year:</b>	1997	<b>Cont Last Name:</b>	MUELLER		
<b>Not-Current Rpt?:</b>	No	<b>Contact Position:</b>	PLANT MANAGER		
<b>Yr of Last Filed Rpt:</b>	2014	<b>Contact Fax:</b>	9053745939		
<b>Fac ID:</b>	224640	<b>Contact Ph.:</b>	9053745820		
<b>Fac Name:</b>	WELLAND PLANT	<b>Cont Area Code:</b>	905		
<b>Fac Address1:</b>	9061 GARNER ROAD	<b>Contact Tel.:</b>	53745820		
<b>Fac Address2:</b>	NOT AVAILABLE	<b>Contact Ext.:</b>			
<b>Fac Postal Zip:</b>	L2E6S5	<b>Cont Fax Area Cde:</b>	905		
<b>Facility Lat:</b>	43.0472	<b>Contact Fax:</b>	53745939		
<b>Facility Long:</b>	-79.1583	<b>Contact Email:</b>	NOT AVAILABLE		
<b>DLS (Last Filed Rpt):</b>		<b>Latitude:</b>	43.0472		
<b>Facility DLS:</b>		<b>Longitude:</b>	-79.1583		
<b>Datum:</b>	1983	<b>UTM Zone:</b>	17		
<b>Facility Cmnts:</b>	FALSE	<b>UTM Northing:</b>	4767500		
<b>URL:</b>		<b>UTM Easting:</b>	650000		
<b>No of Empl.:</b>	95	<b>Waste Streams:</b>	TRUE		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Parent Co.:</b>	*			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	TRUE
<b>Pollut Prev Cmnts:</b>	FALSE			<b>No Off Sites:</b>	1
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>		32			
<b>NAICS 2 Description:</b>		Manufacturing			
<b>NAICS Code (4 digit):</b>		3259			
<b>NAICS 4 Description:</b>		Other chemical product manufacturing			
<b>NAICS Code (6 digit):</b>		325999			
<b>NAICS 6 Description:</b>		All other miscellaneous chemical product manufacturing			

### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Sulphuric acid  
**Chem (fr):** Acide sulfurique  
**Quantity:** 0  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 2  
**Category Type Desc:** Storage / Handling  
**Category Type Desc (fr):** Rejets de stockage ou manutention  
**Grouping:** Total Air  
**Trans Code:** VOCg  
**Chem:** Toluene  
**Chem (fr):** Toluène  
**Quantity:** .026  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Isopropyl alcohol  
**Chem (fr):** Alcool isopropylique  
**Quantity:** .001  
**Unit:** tonnes  
**Basis of Estimate Cd:** O  
**Basis of Estimate Desc:** O- Engineering Estimates

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Phosphoric acid  
**Chem (fr):** Acide phosphorique  
**Quantity:** .011  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		7 Direct Discharges Évacuation directes Total Water WatD Toluene Toluène .001 tonnes M M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		7 Direct Discharges Évacuation directes Total Water WatD Ammonia (total) Ammoniac (total) 8.641 tonnes M M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		13 All Media Rejets à tous les médias Total All Media<1t Hydrochloric acid Acide chlorhydrique .258 tonnes E E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		13 All Media Rejets à tous les médias Total All Media<1t Formaldehyde Formaldéhyde .052 tonnes E E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		1 Stack / Point Rejets de cheminée ou ponctuels Total Air ASta Ammonia (total) Ammoniac (total) .001 tonnes E E- Emission Factor - In use from 1994 to 2002			
<b>3</b>	13 of 131	<b>WSW/7.5</b>	<b>180.0 / 12.45</b>	<b>CYTEC CANADA INC.</b> <b>9061 GARNER ROAD NOT AVAILABLE</b> <b>NIAGARA FALLS ON L2E6S5</b>	<b>NPRI</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>NPRI ID:</b>	222			<b>Org ID:</b>	44832
<b>Other ID:</b>	Y			<b>Submit Date:</b>	5/31/1999
<b>No Other ID:</b>	2			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	691			<b>Contact ID:</b>	77033
<b>Report ID:</b>				<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	ANTON
<b>Report Year:</b>	1998			<b>Cont Last Name:</b>	MUELLER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	17
<b>Facility Cmnts:</b>	False			<b>UTM Northing:</b>	4767500
<b>URL:</b>				<b>UTM Easting:</b>	650000
<b>No of Empl.:</b>	95			<b>Waste Streams:</b>	False
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	0
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Fals
<b>Pollut Prev Cmnts:</b>	False			<b>No Off Sites:</b>	1
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Sulphuric acid  
**Chem (fr):** Acide sulfurique  
**Quantity:** 0  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Phosphoric acid  
**Chem (fr):** Acide phosphorique  
**Quantity:** .014  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type ID:</b>	2				
<b>Category Type Desc:</b>	Storage / Handling				
<b>Category Type Desc (fr):</b>	Rejets de stockage ou manutention				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	VOCg				
<b>Chem:</b>	Toluene				
<b>Chem (fr):</b>	Toluène				
<b>Quantity:</b>	.017				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E				
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002				
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Hydrochloric acid				
<b>Chem (fr):</b>	Acide chlorhydrique				
<b>Quantity:</b>	.266				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E				
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002				
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Isopropyl alcohol				
<b>Chem (fr):</b>	Alcool isopropylique				
<b>Quantity:</b>	.048				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	O				
<b>Basis of Estimate Desc:</b>	O- Engineering Estimates				
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Formaldehyde				
<b>Chem (fr):</b>	Formaldéhyde				
<b>Quantity:</b>	.05				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E				
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002				

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WSW/7.5

180.0 / 12.45

**CYTEC CANADA INC.**  
**9061 GARNER ROAD NOT AVAILABLE**  
**NIAGARA FALLS ON L2E6S5**

**NPRI**

**NPRI ID:** 222  
**Other ID:** Y  
**No Other ID:** 2  
**Track ID:** 690  
**Report ID:**  
**Report Type:** NPRI  
**Rpt Type ID:** 1  
**Report Year:** 1999  
**Not-Current Rpt?:** No  
**Yr of Last Filed Rpt:** 2014  
**Fac ID:** 224640  
**Fac Name:** WELLAND PLANT  
**Fac Address1:** 9061 GARNER ROAD

**Org ID:** 44832  
**Submit Date:** 5/24/2000  
**Last Modified:** 5/29/2015 3:28:24 PM  
**Contact ID:** 77033  
**Cont Type:** MED  
**Contact Title:**  
**Cont First Name:** ANTON  
**Cont Last Name:** MUELLER  
**Contact Position:** PLANT MANAGER  
**Contact Fax:** 9053745939  
**Contact Ph.:** 9053745820  
**Cont Area Code:** 905  
**Contact Tel.:** 53745820

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	17
<b>Facility Cmnts:</b>	False			<b>UTM Northing:</b>	4767500
<b>URL:</b>				<b>UTM Easting:</b>	650000
<b>No of Empl.:</b>	101			<b>Waste Streams:</b>	Yes
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	0
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Yes
<b>Pollut Prev Cmnts:</b>	False			<b>No Off Sites:</b>	0
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

#### Substance Release Report

<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	Isopropyl alcohol
<b>Chem (fr):</b>	Alcool iso-propylique
<b>Quantity:</b>	.051
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	O
<b>Basis of Estimate Desc:</b>	O- Engineering Estimates
<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	Formaldehyde
<b>Chem (fr):</b>	Formaldéhyde
<b>Quantity:</b>	.009
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002
<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	Phosphoric acid
<b>Chem (fr):</b>	Acide phosphorique
<b>Quantity:</b>	.011
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002
<b>Category Type ID:</b>	13

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.009			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.246			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			

<u>3</u>	15 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	<b>NPRI</b>
<b>NPRI ID:</b>	222			<b>Org ID:</b>	44832
<b>Other ID:</b>	Y			<b>Submit Date:</b>	5/9/2001
<b>No Other ID:</b>	2.00			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	689			<b>Contact ID:</b>	79373
<b>Report ID:</b>				<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	BRUCE
<b>Report Year:</b>	2000			<b>Cont Last Name:</b>	JONES
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	False			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	106			<b>Waste Streams:</b>	No
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	0
<b>No Parent Co.:</b>	1.00			<b>Waste Off Sites:</b>	Yes
<b>Pollut Prev Cmnts:</b>	False			<b>No Off Sites:</b>	1.00

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>				32	
<b>NAICS 2 Description:</b>				Manufacturing	
<b>NAICS Code (4 digit):</b>				3259	
<b>NAICS 4 Description:</b>				Other chemical product manufacturing	
<b>NAICS Code (6 digit):</b>				325999	
<b>NAICS 6 Description:</b>				All other miscellaneous chemical product manufacturing	
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Sulphuric acid	
<b>Chem (fr):</b>				Acide sulfurique	
<b>Quantity:</b>				0	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Formaldehyde	
<b>Chem (fr):</b>				Formaldéhyde	
<b>Quantity:</b>				.004	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Phosphoric acid	
<b>Chem (fr):</b>				Acide phosphorique	
<b>Quantity:</b>				.011	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Hydrochloric acid	
<b>Chem (fr):</b>				Acide chlorhydrique	
<b>Quantity:</b>				.248	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				2	
<b>Category Type Desc:</b>				Storage / Handling	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc (fr):</b> Rejets de stockage ou manutention <b>Grouping:</b> Total Air <b>Trans Code:</b> VOCg <b>Chem:</b> Toluene <b>Chem (fr):</b> Toluène <b>Quantity:</b> .015 <b>Unit:</b> tonnes <b>Basis of Estimate Cd:</b> E <b>Basis of Estimate Desc:</b> E- Emission Factor - In use from 1994 to 2002  <b>Category Type ID:</b> 13 <b>Category Type Desc:</b> All Media <b>Category Type Desc (fr):</b> Rejets à tous les médias <b>Grouping:</b> Total All Media<1t <b>Trans Code:</b> <b>Chem:</b> Isopropyl alcohol <b>Chem (fr):</b> Alcool iso-propylique <b>Quantity:</b> .04 <b>Unit:</b> tonnes <b>Basis of Estimate Cd:</b> O <b>Basis of Estimate Desc:</b> O- Engineering Estimates					
<a href="#">3</a>	16 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. - Welland Plant 9061 Garner Rd Niagara Falls ON L2E 6S5	SCT
<b>Established:</b> 1994 <b>Plant Size (ft²):</b> <b>Employment:</b> 105					
<a href="#">3</a>	17 of 131	WSW/7.5	180.0 / 12.45	9061 Garner Road Niagara Falls ON	CA
<b>Certificate #:</b> 4-0012-88-006 <b>Application Year:</b> 01 <b>Issue Date:</b> 2/1/01 <b>Approval Type:</b> Industrial sewage <b>Status:</b> Approved <b>Application Type:</b> Notice <b>Client Name:</b> Cytec Canada Inc. <b>Client Address:</b> P.O. Box 240 <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 6T4 <b>Project Description:</b> This proposal is for a water treatment system including chlorination, filtration, dechlorination, softening and reverse osmosis. Effluent will discharge directly to an existing MISA sampling point.  <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">3</a>	18 of 131	WSW/7.5	180.0 / 12.45	9061 Garner Road Niagara Falls ON	CA
<b>Certificate #:</b> 3555-54PLW6 <b>Application Year:</b> 01 <b>Issue Date:</b> 11/22/01 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> New Certificate of Approval <b>Client Name:</b> Cytec Canada Inc. <b>Client Address:</b> 9061 Garner Road, P.O. Box 240 <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 6T4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Project Description:</b>		This application is for one new glass lined reactor and dilution tank to be installed with vacuum system, overhead condensers, indirect heating and all peripheral equipment. The process vessels will vent to an existing thermal oxidizer to remove any remaining trace contaminants. From the product tank, the product will be sent to the drumming station with vapour extraction fan and building ventilation fans discharging to the atmosphere.			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	19 of 131	WSW/7.5	180.0 / 12.45	9061 Garner Road Niagara Falls ON	CA
<b>Certificate #:</b>		8318-4ZUKLX			
<b>Application Year:</b>		01			
<b>Issue Date:</b>		8/23/01			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			
<b>Client Name:</b>		Cytec Canada Inc.			
<b>Client Address:</b>		9061 Garner Road, P.O. Box 240			
<b>Client City:</b>		Niagara Falls			
<b>Client Postal Code:</b>		L2E 6T4			
<b>Project Description:</b>		This application is for a Certificate of Approval for the installation of a ventilation fan discharging phosphine to the atmosphere. The area will have phosphine detectors that warn of low levels of phosphine present which will alarm at 0.3ppm			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	20 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>		IA6E1837		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		8227996 19961217		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		800469200		<b>Act 1:</b>	
<b>Notice Date:</b>		February 03, 1997		<b>Act 2:</b>	
<b>Proposal Date:</b>		December 30, 1996		<b>Site Location Map:</b>	
<b>Year:</b>		1996			
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		Cytec Canada Inc.			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
9061 Garner Road CITY OF NIAGARA FALLS					
<a href="#">3</a>	21 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>		IA7E1908		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		8228497 19971224		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		800470055		<b>Act 1:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Notice Date:</b> February 23, 1998 <b>Proposal Date:</b> December 31, 1997 <b>Year:</b> 1997 <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> Cytec Canada Inc. <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4 <b>Comment Period:</b> <b>URL:</b>					
<b>Act 2:</b> <b>Site Location Map:</b>					
<b>Site Location Details:</b> 9061 Garner Road CITY OF NIAGARA FALLS					

<a href="#">3</a>	22 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garnern Road CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b> IA6E1615 <b>Ministry Ref No:</b> 8213285 19961021 <b>Notice Type:</b> Instrument Decision <b>Notice Stage:</b> 800472643 <b>Notice Date:</b> February 24, 1997 <b>Proposal Date:</b> November 13, 1996 <b>Year:</b> 1996 <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> Cytec Canada Inc. <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4 <b>Comment Period:</b> <b>URL:</b>					
<b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b>					
<b>Site Location Details:</b> 9061 Garnern Road CITY OF NIAGARA FALLS					

<a href="#">3</a>	23 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 GARNER ROAD CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b> IA6E1489 <b>Ministry Ref No:</b> 8221396 19960926 <b>Notice Type:</b> Instrument Decision <b>Notice Stage:</b> 800472833 <b>Notice Date:</b> November 15, 1996 <b>Proposal Date:</b> October 07, 1996 <b>Year:</b> 1996 <b>Instrument Type:</b> (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air) <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> Cytec Canada Inc. <b>Site Address:</b>					
<b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**Location Other:**

**Proponent Name:**

**Proponent Address:** Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4

**Comment Period:**

**URL:**

**Site Location Details:**

9061 GARNER ROAD CITY OF NIAGARA FALLS

<a href="#"><u>3</u></a>	24 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CITY OF NIAGARA FALLS ON	EBR
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**EBR Registry No:**

IA8E1349

**Ministry Ref No:**

8220798

**Notice Type:**

Instrument Decision

**Notice Stage:**

800473116

**Notice Date:**

November 27, 1998

**Proposal Date:**

September 24, 1998

**Year:**

1998

**Instrument Type:**

(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)

**Off Instrument Name:**

**Posted By:**

**Company Name:**

Cytec Canada Inc.

**Site Address:**

**Location Other:**

**Proponent Name:**

**Proponent Address:**

Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4

**Comment Period:**

**URL:**

**Site Location Details:**

9061 Garner Road CITY OF NIAGARA FALLS

<a href="#"><u>3</u></a>	25 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls Ontario Niagara Falls ON	EBR
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**EBR Registry No:**

IA01E0504

**Ministry Ref No:**

5820-4VMJZH

**Notice Type:**

Instrument Decision

**Notice Stage:**

800478648

**Notice Date:**

August 31, 2001

**Proposal Date:**

April 10, 2001

**Year:**

2001

**Instrument Type:**

(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)

**Off Instrument Name:**

**Posted By:**

**Company Name:**

Cytec Canada Inc.

**Site Address:**

**Location Other:**

**Proponent Name:**

**Proponent Address:**

9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4

**Comment Period:**

**URL:**

**Site Location Details:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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9061 Garner Road Niagara Falls Ontario Niagara Falls

<a href="#">3</a>	26 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	EBR
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**EBR Registry No:** IA01E0990  
**Ministry Ref No:** 5425-4YHQ8A  
**Notice Type:** Instrument Decision  
**Notice Stage:** 800479612  
**Notice Date:** February 19, 2002  
**Proposal Date:** July 11, 2001  
**Year:** 2001  
**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Cytec Canada Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4  
**Comment Period:**  
**URL:**

**Site Location Details:**

9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls

<a href="#">3</a>	27 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
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**NPRI ID:** 222  
**Other ID:** Y  
**No Other ID:** 2.00  
**Track ID:** 696  
**Report ID:**  
**Report Type:** NPRI  
**Rpt Type ID:** 1  
**Report Year:** 2001  
**Not-Current Rpt?:** No  
**Yr of Last Filed Rpt:** 2014  
**Fac ID:** 224640  
**Fac Name:** WELLAND PLANT  
**Fac Address1:** 9061 GARNER ROAD  
**Fac Address2:** NOT AVAILABLE  
**Fac Postal Zip:** L2E6S5  
**Facility Lat:** 43.0472  
**Facility Long:** -79.1583  
**DLS (Last Filed Rpt):**  
**Facility DLS:**  
**Datum:** 1983  
**Facility Cmnts:** No  
**URL:**  
**No of Empl.:** 111  
**Parent Co.:** Y  
**No Parent Co.:** 1.00  
**Pollut Prev Cmnts:** No  
**Org ID:** 44832  
**Submit Date:** 5/13/2002  
**Last Modified:** 5/29/2015 3:28:24 PM  
**Contact ID:** 79373  
**Cont Type:** MED  
**Contact Title:**  
**Cont First Name:** BRUCE  
**Cont Last Name:** JONES  
**Contact Position:** PLANT MANAGER  
**Contact Fax:** 9053745939  
**Contact Ph.:** 9053745820  
**Cont Area Code:** 905  
**Contact Tel.:** 53745820  
**Contact Ext.:**  
**Cont Fax Area Cde:** 905  
**Contact Fax:** 53745939  
**Contact Email:** NOT AVAILABLE  
**Latitude:** 43.0472  
**Longitude:** -79.1583  
**UTM Zone:**  
**UTM Northing:**  
**UTM Easting:**  
**Waste Streams:** Yes  
**No Streams:** 1.00  
**Waste Off Sites:** Yes  
**No Off Sites:** 3.00

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>				32	
<b>NAICS 2 Description:</b>				Manufacturing	
<b>NAICS Code (4 digit):</b>				3259	
<b>NAICS 4 Description:</b>				Other chemical product manufacturing	
<b>NAICS Code (6 digit):</b>				325999	
<b>NAICS 6 Description:</b>				All other miscellaneous chemical product manufacturing	
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b>				1	
<b>Category Type Desc:</b>				Stack / Point	
<b>Category Type Desc (fr):</b>				Rejets de cheminée ou ponctuels	
<b>Grouping:</b>				Total Air	
<b>Trans Code:</b>				ASta	
<b>Chem:</b>				Ammonia (total)	
<b>Chem (fr):</b>				Ammoniac (total)	
<b>Quantity:</b>				.167	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				7	
<b>Category Type Desc:</b>				Direct Discharges	
<b>Category Type Desc (fr):</b>				Évacuation directes	
<b>Grouping:</b>				Total Water	
<b>Trans Code:</b>				WatD	
<b>Chem:</b>				Ammonia (total)	
<b>Chem (fr):</b>				Ammoniac (total)	
<b>Quantity:</b>				2.803	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				M	
<b>Basis of Estimate Desc:</b>				M- Monitoring or Direct Measurement - In use from 1994 to 2002	
<b>Category Type ID:</b>				1	
<b>Category Type Desc:</b>				Stack / Point	
<b>Category Type Desc (fr):</b>				Rejets de cheminée ou ponctuels	
<b>Grouping:</b>				Total Air	
<b>Trans Code:</b>				ASta	
<b>Chem:</b>				Formaldehyde	
<b>Chem (fr):</b>				Formaldéhyde	
<b>Quantity:</b>				.004	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E	
<b>Basis of Estimate Desc:</b>				E- Emission Factor - In use from 1994 to 2002	
<b>Category Type ID:</b>				2	
<b>Category Type Desc:</b>				Storage / Handling	
<b>Category Type Desc (fr):</b>				Rejets de stockage ou manutention	
<b>Grouping:</b>				Total Air	
<b>Trans Code:</b>				VOCg	
<b>Chem:</b>				Sulphuric acid	
<b>Chem (fr):</b>				Acide sulfurique	
<b>Quantity:</b>				0	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				O	
<b>Basis of Estimate Desc:</b>				O- Engineering Estimates	
<b>Category Type ID:</b>				2	
<b>Category Type Desc:</b>				Storage / Handling	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.261			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		31.347			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			

3      28 of 131      WSW/7.5      180.0 / 12.45      CYTEC CANADA INC.  
WELLAND PLANT 9061 GARNER ROAD      GEN  
NIAGARA FALLS ON L2E 6T4

**Generator No:** ON1808501      **PO Box No:**  
**Status:**      **Country:**  
**Approval Years:** 01,02,03,04,05,06,07,08      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No Admin:**  
**SIC Code:** 3711  
**SIC Description:** IND. INORGANIC CHEM.

Detail(s)

**Waste Class:** 266  
**Waste Class Desc:** PHENOLIC WASTES

**Waste Class:** 269

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>				NON-HALOGENATED PESTICIDES	
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>				ORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>				AMINES	
<b>Waste Class:</b>			312		
<b>Waste Class Desc:</b>				PATHOLOGICAL WASTES	
<b>Waste Class:</b>			331		
<b>Waste Class Desc:</b>				WASTE COMPRESSED GASES	
<b>Waste Class:</b>			267		
<b>Waste Class Desc:</b>				ORGANIC ACIDS	
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>				ACID WASTE - HEAVY METALS	
<b>Waste Class:</b>			113		
<b>Waste Class Desc:</b>				ACID WASTE - OTHER METALS	
<b>Waste Class:</b>			114		
<b>Waste Class Desc:</b>				OTHER INORGANIC ACID WASTES	
<b>Waste Class:</b>			121		
<b>Waste Class Desc:</b>				ALKALINE WASTES - HEAVY METALS	
<b>Waste Class:</b>			122		
<b>Waste Class Desc:</b>				ALKALINE WASTES - OTHER METALS	
<b>Waste Class:</b>			123		
<b>Waste Class Desc:</b>				ALKALINE PHOSPHATES	
<b>Waste Class:</b>			132		
<b>Waste Class Desc:</b>				NEUTRALIZED WASTES - OTHER METALS	
<b>Waste Class:</b>			133		
<b>Waste Class Desc:</b>				BRINES, CHLOR-ALKALI WASTES	
<b>Waste Class:</b>			134		
<b>Waste Class Desc:</b>				SULPHIDE-CONTAINING WASTES	
<b>Waste Class:</b>			135		
<b>Waste Class Desc:</b>				REACTIVE ANION WASTES	
<b>Waste Class:</b>			145		
<b>Waste Class Desc:</b>				PAINT/PIGMENT/COATING RESIDUES	
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>				OTHER SPECIFIED INORGANICS	
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>				ALIPHATIC SOLVENTS	
<b>Waste Class:</b>			147		
<b>Waste Class Desc:</b>				CHEMICAL FERTILIZER WASTES	
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>				INORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>				AROMATIC SOLVENTS	
<b>Waste Class:</b>			213		



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		242			
<b>Waste Class Desc:</b>		HALOGENATED PESTICIDES			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			

<u>3</u>	29 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	44832
<b>Other ID:</b>	Y			<b>Submit Date:</b>	7/2/2003
<b>No Other ID:</b>	2			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	18181			<b>Contact ID:</b>	126238
<b>Report ID:</b>	160026			<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	BRUCE
<b>Report Year:</b>	2002			<b>Cont Last Name:</b>	JONES
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	False			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	111			<b>Waste Streams:</b>	Fals
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Fals
<b>Pollut Prev Cmnts:</b>	False			<b>No Off Sites:</b>	2
<b>Stacks:</b>	False			<b>Shutdown:</b>	False
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	1
<b>Canadian SIC Code (2 digit):</b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b> 32					
<b>NAICS 2 Description:</b> Manufacturing					
<b>NAICS Code (4 digit):</b> 3259					
<b>NAICS 4 Description:</b> Other chemical product manufacturing					
<b>NAICS Code (6 digit):</b> 325999					
<b>NAICS 6 Description:</b> All other miscellaneous chemical product manufacturing					
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b> 13					
<b>Category Type Desc:</b> All Media					
<b>Category Type Desc (fr):</b> Rejets à tous les médias					
<b>Grouping:</b> Total All Media<1t					
<b>Trans Code:</b>					
<b>Chem:</b> Hydrochloric acid					
<b>Chem (fr):</b> Acide chlorhydrique					
<b>Quantity:</b> .259					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b> 13					
<b>Category Type Desc:</b> All Media					
<b>Category Type Desc (fr):</b> Rejets à tous les médias					
<b>Grouping:</b> Total All Media<1t					
<b>Trans Code:</b>					
<b>Chem:</b> Sulphur dioxide					
<b>Chem (fr):</b> Dioxyde de soufre					
<b>Quantity:</b> .031					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> E2					
<b>Basis of Estimate Desc:</b> E2- Published Emission Factors - In use from 2003 and onward					
<b>Category Type ID:</b> 1					
<b>Category Type Desc:</b> Stack / Point					
<b>Category Type Desc (fr):</b> Rejets de cheminée ou ponctuels					
<b>Grouping:</b> Total Air					
<b>Trans Code:</b> ASta					
<b>Chem:</b> Carbon monoxide					
<b>Chem (fr):</b> Monoxyde de carbone					
<b>Quantity:</b> 3.355					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> E E2					
<b>Basis of Estimate Desc:</b> E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward					
<b>Category Type ID:</b> 1					
<b>Category Type Desc:</b> Stack / Point					
<b>Category Type Desc (fr):</b> Rejets de cheminée ou ponctuels					
<b>Grouping:</b> Total Air					
<b>Trans Code:</b> ASta					
<b>Chem:</b> Nitrogen oxides (expressed as NO2)					
<b>Chem (fr):</b> Oxydes d'azote (exprimés en NO2)					
<b>Quantity:</b> 3.606					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> E E2					
<b>Basis of Estimate Desc:</b> E- Emission Factor - In use from 1994 to 2002 ; E2- Published Emission Factors - In use from 2003 and onward					
<b>Category Type ID:</b> 13					
<b>Category Type Desc:</b> All Media					
<b>Category Type Desc (fr):</b> Rejets à tous les médias					
<b>Grouping:</b> Total All Media<1t					
<b>Trans Code:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.29			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.093			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.394			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.394			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.394			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Toluene				
<b>Chem (fr):</b>	Toluène				
<b>Quantity:</b>	.001				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>	Direct Discharges				
<b>Category Type Desc (fr):</b>	Évacuation directes				
<b>Grouping:</b>	Total Water				
<b>Trans Code:</b>	WatD				
<b>Chem:</b>	Ammonia (total)				
<b>Chem (fr):</b>	Ammoniac (total)				
<b>Quantity:</b>	2.623				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	M				
<b>Basis of Estimate Desc:</b>	M- Monitoring or Direct Measurement - In use from 1994 to 2002				
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>	Stack / Point				
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	ASta				
<b>Chem:</b>	Ammonia (total)				
<b>Chem (fr):</b>	Ammoniac (total)				
<b>Quantity:</b>	.167				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E				
<b>Basis of Estimate Desc:</b>	E- Emission Factor - In use from 1994 to 2002				
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Formaldehyde				
<b>Chem (fr):</b>	Formaldéhyde				
<b>Quantity:</b>	.004				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Isopropyl alcohol				
<b>Chem (fr):</b>	Alcool iso-propylique				
<b>Quantity:</b>	.001				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>	Direct Discharges				
<b>Category Type Desc (fr):</b>	Évacuation directes				
<b>Grouping:</b>	Total Water				
<b>Trans Code:</b>	WatD				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		42.325			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			

<u>3</u>	30 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	102120
<b>Other ID:</b>	Y			<b>Submit Date:</b>	10/15/2004
<b>No Other ID:</b>	2			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	72574			<b>Contact ID:</b>	126238
<b>Report ID:</b>	151774			<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	BRUCE
<b>Report Year:</b>	2003			<b>Cont Last Name:</b>	JONES
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	False			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	111			<b>Waste Streams:</b>	True
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	False
<b>Pollut Prev Cmnts:</b>	False			<b>No Off Sites:</b>	4
<b>Stacks:</b>	True			<b>Shutdown:</b>	True
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

#### Substance Release Report

<b>Category Type ID:</b>	7
<b>Category Type Desc:</b>	Direct Discharges
<b>Category Type Desc (fr):</b>	Évacuation directes
<b>Grouping:</b>	Total Water
<b>Trans Code:</b>	WatD
<b>Chem:</b>	Ammonia (total)
<b>Chem (fr):</b>	Ammoniac (total)
<b>Quantity:</b>	2.134
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	M1
<b>Basis of Estimate Desc:</b>	M1- Continuous Emission Monitoring - In use from 2003 and onward

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.185			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>	4				
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		2.842			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		1.087			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M3			
<b>Basis of Estimate Desc:</b>		M3- Source Testing - In use from 2003 and onward			
<b>Category Type ID:</b>	2				
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.013			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		Alcool iso-propylique .002 tonnes			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		13 All Media Rejets à tous les médias Total All Media<1t n-Hexane n-Hexane .104 tonnes			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		7 Direct Discharges Évacuation directes Total Water WatD Nitrate ion in solution at pH >= 6.0 Nitrate (ion en sol. à un pH de >= 6.0) 31.734 tonnes M1 M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		4 Spills Déversements Total Air PM10 - Particulate Matter <= 10 Microns PM10 - Matière particulaire <= 10 microns 2.842 tonnes C C- Mass Balance			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		13 All Media Rejets à tous les médias Total All Media<1t Sulphuric acid Acide sulfurique 0 tonnes			
<b>Category Type ID:</b> <b>Category Type Desc:</b> <b>Category Type Desc (fr):</b> <b>Grouping:</b> <b>Trans Code:</b> <b>Chem:</b> <b>Chem (fr):</b> <b>Quantity:</b> <b>Unit:</b> <b>Basis of Estimate Cd:</b> <b>Basis of Estimate Desc:</b>		13 All Media Rejets à tous les médias Total All Media<1t Toluene Toluène .001 tonnes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
		<b>Category Type ID:</b>	13		
		<b>Category Type Desc:</b>	All Media		
		<b>Category Type Desc (fr):</b>	Rejets à tous les médias		
		<b>Grouping:</b>	Total All Media<1t		
		<b>Trans Code:</b>			
		<b>Chem:</b>	Formaldehyde		
		<b>Chem (fr):</b>	Formaldéhyde		
		<b>Quantity:</b>	.004		
		<b>Unit:</b>	tonnes		
		<b>Basis of Estimate Cd:</b>			
		<b>Basis of Estimate Desc:</b>			
		<b>Category Type ID:</b>	1		
		<b>Category Type Desc:</b>	Stack / Point		
		<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels		
		<b>Grouping:</b>	Total Air		
		<b>Trans Code:</b>	ASta		
		<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns		
		<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns		
		<b>Quantity:</b>	1.087		
		<b>Unit:</b>	tonnes		
		<b>Basis of Estimate Cd:</b>	E2		
		<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward		
		<b>Category Type ID:</b>	13		
		<b>Category Type Desc:</b>	All Media		
		<b>Category Type Desc (fr):</b>	Rejets à tous les médias		
		<b>Grouping:</b>	Total All Media<1t		
		<b>Trans Code:</b>			
		<b>Chem:</b>	Hydrochloric acid		
		<b>Chem (fr):</b>	Acide chlorhydrique		
		<b>Quantity:</b>	.25		
		<b>Unit:</b>	tonnes		
		<b>Basis of Estimate Cd:</b>			
		<b>Basis of Estimate Desc:</b>			
		<b>Category Type ID:</b>	7		
		<b>Category Type Desc:</b>	Direct Discharges		
		<b>Category Type Desc (fr):</b>	Évacuation directes		
		<b>Grouping:</b>	Total Water		
		<b>Trans Code:</b>	WatD		
		<b>Chem:</b>	Phosphorus (total)		
		<b>Chem (fr):</b>	Phosphore (total)		
		<b>Quantity:</b>	2.771		
		<b>Unit:</b>	tonnes		
		<b>Basis of Estimate Cd:</b>	M1		
		<b>Basis of Estimate Desc:</b>	M1- Continuous Emission Monitoring - In use from 2003 and onward		
		<b>Category Type ID:</b>	4		
		<b>Category Type Desc:</b>	Spills		
		<b>Category Type Desc (fr):</b>	Déversements		
		<b>Grouping:</b>	Total Air		
		<b>Trans Code:</b>			
		<b>Chem:</b>	Phosphorus (total)		
		<b>Chem (fr):</b>	Phosphore (total)		
		<b>Quantity:</b>	1.523		
		<b>Unit:</b>	tonnes		
		<b>Basis of Estimate Cd:</b>	C		
		<b>Basis of Estimate Desc:</b>	C- Mass Balance		

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WSW/7.5

180.0 / 12.45

CYTEC CANADA  
9061 GARNER ROAD NOT AVAILABLE  
NIAGARA FALLS ON L2E6S5

[NPRI](#)

NPRI ID:

222

Org ID:

44831



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Other ID:</b>	Y			<b>Submit Date:</b>	5/27/2005
<b>No Other ID:</b>	2			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	26712			<b>Contact ID:</b>	182437
<b>Report ID:</b>	86182			<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	MARC
<b>Report Year:</b>	2004			<b>Cont Last Name:</b>	MACAULAY
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	PLANT MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745939
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745939
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	MARC.MACAULAY@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	True			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	113			<b>Waste Streams:</b>	Fals
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1.00
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Fals
<b>Pollut Prev Cmnts:</b>	True			<b>No Off Sites:</b>	4
<b>Stacks:</b>	Yes			<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	Sulphur dioxide
<b>Chem (fr):</b>	Dioxyde de soufre
<b>Quantity:</b>	.033
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	
<b>Basis of Estimate Desc:</b>	
<b>Category Type ID:</b>	1
<b>Category Type Desc:</b>	Stack / Point
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	ASta
<b>Chem:</b>	Nitrogen oxides (expressed as NO2)
<b>Chem (fr):</b>	Oxydes d'azote (exprimés en NO2)
<b>Quantity:</b>	3.899
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E2
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward
<b>Category Type ID:</b>	2

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Carbon dioxide			
<b>Chem (fr):</b>		Dioxyde de carbone			
<b>Quantity:</b>		7			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.01			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		40.094			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.758			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.759			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.178			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.004			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		2.505			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M3			
<b>Basis of Estimate Desc:</b>		M3- Source Testing - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		4			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.147			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.759			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.759			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Nitrous oxide			
<b>Chem (fr):</b>		Protoxyde d'azote (Oxyde nitreux)			
<b>Quantity:</b>		.05			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		4.104			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		3.812			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.242			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Methane			
<b>Chem (fr):</b>		Méthane			
<b>Quantity:</b>		.128			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.1			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon dioxide			
<b>Chem (fr):</b>		Dioxyde de carbone			
<b>Quantity:</b>		7344			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	32 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b> 222 <b>Other ID:</b> Y <b>No Other ID:</b> 3 <b>Track ID:</b> 34256 <b>Report ID:</b> 95527 <b>Report Type:</b> NPRI <b>Rpt Type ID:</b> 1 <b>Report Year:</b> 2005 <b>Not-Current Rpt?:</b> No <b>Yr of Last Filed Rpt:</b> 2014 <b>Fac ID:</b> 224640 <b>Fac Name:</b> WELLAND PLANT <b>Fac Address1:</b> 9061 GARNER ROAD <b>Fac Address2:</b> NOT AVAILABLE <b>Fac Postal Zip:</b> L2E6S5 <b>Facility Lat:</b> 43.0472 <b>Facility Long:</b> -79.1583 <b>DLS (Last Filed Rpt):</b> <b>Facility DLS:</b> <b>Datum:</b> 1983 <b>Facility Cmnts:</b> False <b>URL:</b> <b>No of Empl.:</b> 109 <b>Parent Co.:</b> Y <b>No Parent Co.:</b> 1 <b>Pollut Prev Cmnts:</b> False <b>Stacks:</b> False <b>No of Stacks:</b> <b>Canadian SIC Code (2 digit):</b> <b>Canadian SIC Code:</b> <b>SIC Code Description:</b> <b>American SIC Code:</b> <b>NAICS Code (2 digit):</b> 32 <b>NAICS 2 Description:</b> Manufacturing <b>NAICS Code (4 digit):</b> 3259 <b>NAICS 4 Description:</b> Other chemical product manufacturing <b>NAICS Code (6 digit):</b> 325999 <b>NAICS 6 Description:</b> All other miscellaneous chemical product manufacturing		<b>Org ID:</b> 44831 <b>Submit Date:</b> 5/15/2006 <b>Last Modified:</b> 5/29/2015 3:28:24 PM <b>Contact ID:</b> 130247 <b>Cont Type:</b> MED <b>Contact Title:</b> <b>Cont First Name:</b> CHRIS <b>Cont Last Name:</b> SORA <b>Contact Position:</b> PLANT MANAGER <b>Contact Fax:</b> 9053745939 <b>Contact Ph.:</b> 9053745836 <b>Cont Area Code:</b> 905 <b>Contact Tel.:</b> 53745836 <b>Contact Ext.:</b> <b>Cont Fax Area Cde:</b> 905 <b>Contact Fax:</b> 53745939 <b>Contact Email:</b> CHRIS.SORA@CYTEC.COM <b>Latitude:</b> 43.0472 <b>Longitude:</b> -79.1583 <b>UTM Zone:</b> <b>UTM Northing:</b> <b>UTM Easting:</b> <b>Waste Streams:</b> Fals <b>No Streams:</b> 1 <b>Waste Off Sites:</b> Fals <b>No Off Sites:</b> 3.00 <b>Shutdown:</b> <b>No of Shutdown:</b>			

#### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** PM2.5 - Particulate Matter <= 2.5 Microns  
**Chem (fr):** PM2,5 - Matière particulaire <= 2,5 microns  
**Quantity:** .722  
**Unit:** tonnes  
**Basis of Estimate Cd:**  
**Basis of Estimate Desc:**

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** n-Hexane  
**Chem (fr):** n-Hexane  
**Quantity:** .11

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		4.293			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		4.157			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.111			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.014			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		5.332			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.722			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.243			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.037			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.005			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		2.53			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.722			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.196			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.789			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		41.039			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<u>3</u>	33 of 131	WSW/7.5	180.0 / 12.45	9061 Garner Road Niagara Falls ON L2E 6S5	EHS
<b>Order No:</b>		20070921027		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		USA - Complete Report (0.25)		<b>Client Prov/State:</b>	
<b>Report Date:</b>		9/25/2007		<b>Search Radius (km):</b> 0.25	
<b>Date Received:</b>		9/21/2007		<b>X:</b> -79.163414	
<b>Previous Site Name:</b>				<b>Y:</b> 42.737743	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>3</u>	34 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>		222		<b>Org ID:</b> 44831	
<b>Other ID:</b>		Y		<b>Submit Date:</b> 5/28/2007	
<b>No Other ID:</b>		3		<b>Last Modified:</b> 5/29/2015 3:28:24 PM	
<b>Track ID:</b>		44761		<b>Contact ID:</b> 185617	
<b>Report ID:</b>		105688		<b>Cont Type:</b> MED	
<b>Report Type:</b>		NPRI		<b>Contact Title:</b>	
<b>Rpt Type ID:</b>		1		<b>Cont First Name:</b> MARTIN	
<b>Report Year:</b>		2006		<b>Cont Last Name:</b> LEHMAN	
<b>Not-Current Rpt?:</b>		No		<b>Contact Position:</b> PLANT MANAGER	
<b>Yr of Last Filed Rpt:</b>		2014		<b>Contact Fax:</b> 9053745879	
<b>Fac ID:</b>		224640		<b>Contact Ph.:</b> 9053745844	
<b>Fac Name:</b>		WELLAND PLANT		<b>Cont Area Code:</b> 905	
<b>Fac Address1:</b>		9061 GARNER ROAD		<b>Contact Tel.:</b> 53745844	
<b>Fac Address2:</b>		NOT AVAILABLE		<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>		L2E6S5		<b>Cont Fax Area Cde:</b> 905	
<b>Facility Lat:</b>		43.0472		<b>Contact Fax:</b> 53745879	
<b>Facility Long:</b>		-79.1583		<b>Contact Email:</b> MARTIN.LEHMAN@CYTEC.COM	
<b>DLS (Last Filed Rpt):</b>					
<b>Facility DLS:</b>					
<b>Datum:</b>		1983		<b>Latitude:</b> 43.0472	
<b>Facility Cmnts:</b>		False		<b>Longitude:</b> -79.1583	
<b>URL:</b>					
<b>No of Empl.:</b>		111		<b>UTM Zone:</b>	
<b>Parent Co.:</b>		Y		<b>UTM Northing:</b>	
<b>No Parent Co.:</b>		1		<b>UTM Easting:</b>	
<b>Pollut Prev Cmnts:</b>		False		<b>Waste Streams:</b> True	
<b>Stacks:</b>		True		<b>No Streams:</b> 1.00	
<b>No of Stacks:</b>					
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>		32		<b>Waste Off Sites:</b> Fals	
<b>NAICS 2 Description:</b>		Manufacturing		<b>No Off Sites:</b> 3.00	
<b>NAICS Code (4 digit):</b>		3259		<b>Shutdown:</b>	
<b>NAICS 4 Description:</b>		Other chemical product manufacturing		<b>No of Shutdown:</b>	
<b>NAICS Code (6 digit):</b>		325999			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>NAICS 6 Description:</b>		All other miscellaneous chemical product manufacturing			
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Formaldehyde				
<b>Chem (fr):</b>	Formaldéhyde				
<b>Quantity:</b>	.005				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Toluene				
<b>Chem (fr):</b>	Toluène				
<b>Quantity:</b>	.001				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>	Direct Discharges				
<b>Category Type Desc (fr):</b>	Évacuation directes				
<b>Grouping:</b>	Total Water				
<b>Trans Code:</b>	WatD				
<b>Chem:</b>	Ammonia (total)				
<b>Chem (fr):</b>	Ammoniac (total)				
<b>Quantity:</b>	1.487				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	M1				
<b>Basis of Estimate Desc:</b>	M1- Continuous Emission Monitoring - In use from 2003 and onward				
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>	Direct Discharges				
<b>Category Type Desc (fr):</b>	Évacuation directes				
<b>Grouping:</b>	Total Water				
<b>Trans Code:</b>	WatD				
<b>Chem:</b>	Nitrate ion in solution at pH >= 6.0				
<b>Chem (fr):</b>	Nitrate (ion en sol. à un pH de >= 6.0)				
<b>Quantity:</b>	39.052				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	M1				
<b>Basis of Estimate Desc:</b>	M1- Continuous Emission Monitoring - In use from 2003 and onward				
<b>Category Type ID:</b>	4				
<b>Category Type Desc:</b>	Spills				
<b>Category Type Desc (fr):</b>	Déversements				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>					
<b>Chem:</b>	PM10 - Particulate Matter <= 10 Microns				
<b>Chem (fr):</b>	PM10 - Matière particulaire <= 10 microns				
<b>Quantity:</b>	1.335				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	C				
<b>Basis of Estimate Desc:</b>	C- Mass Balance				
<b>Category Type ID:</b>	1				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.774			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.612			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.284			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.008			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.441			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		4.047			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.583			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		1.335			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.035			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.441			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		2.324			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.104			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.186			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.441			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Quantity:</b>		1.335			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			

<a href="#">3</a>	35 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls ON	<b>EBR</b>
<b>EBR Registry No:</b>		IA04E1394		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		2832-65AKGA		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		803003188		<b>Act 1:</b>	
<b>Notice Date:</b>		March 23, 2005		<b>Act 2:</b>	
<b>Proposal Date:</b>		October 01, 2004		<b>Site Location Map:</b>	
<b>Year:</b>		2004			
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		Cytec Canada Inc.			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4			
<b>Comment Period:</b>					
<b>URL:</b>					

**Site Location Details:**

9061 Garner Road Niagara Falls Ontario L2E 6T4 Niagara Falls

<a href="#">3</a>	36 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Road Niagara Falls ON L2E 6S5	<b>SPL</b>
<b>Ref No:</b>		2700-5U6A87		<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b> Gases/Particulate	
<b>Incident Dt:</b>		12/12/2003		<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>		Discharge or Emission to Air		<b>Sector Type:</b> Other Plant - Inorganic Chemicals (MISA)	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>		36		<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>		PHOSPHORUS PENTOXIDE		<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b> Niagara	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b> West Central	
<b>Environment Impact:</b>		Possible		<b>Site Municipality:</b> Niagara Falls	
<b>Nature of Impact:</b>		Air Pollution; Human Health/Safety		<b>Site Lot:</b>	
<b>Receiving Medium:</b>		Air		<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b> NA	
<b>MOE Response:</b>				<b>Easting:</b> NA	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>		12/12/2003		<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b> Spill to Air	
<b>Incident Reason:</b>		Equipment Failure - Malfunction of system components		<b>Source Type:</b>	
<b>Site Name:</b>		CYTEC PLANT 9061 GARNER ROAD			
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>		Cytec: Large P2O5 release to ATM, equip failure			
<b>Contaminant Qty:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	37 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1311-62TN8P			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Chemical
<b>Incident Dt:</b>	7/12/2004			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Pipe Or Hose Leak			<b>Sector Type:</b>	Other Plant - Organic Chemicals Manufacturing (MISA)
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	28			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	WASHWATER (N.O.S.)			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	West Central
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Surface Water Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Water			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>				<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	7/12/2004			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	CYTEC PLANT 9061 GARNER ROAD				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: 2200 L wash water to Thompson Creek.				
<b>Contaminant Qty:</b>	2200 L				

<a href="#">3</a>	38 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	0515-6HPQLB			<b>Discharger Report:</b>	0
<b>Site No:</b>				<b>Material Group:</b>	Gases/Particulate
<b>Incident Dt:</b>	10/31/2005			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other Plant
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>				<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/31/2005			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: phosphorous pentoxide emission				
<b>Contaminant Qty:</b>	181.8				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	39 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	3225-6DTTMK			<b>Discharger Report:</b> 0	
<b>Site No:</b>				<b>Material Group:</b> Gases/Particulate	
<b>Incident Dt:</b>	6/29/2005			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b> Other Plant	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b> Niagara	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b> Niagara Falls	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b> 4767414	
<b>MOE Response:</b>				<b>Easting:</b> 650468	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/29/2005			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b> Spills to Air - gases and vapours	
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec, thermal oxidizer down, P2O5 to atm.				
<b>Contaminant Qty:</b>					

<u>3</u>	40 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	0871-6MBQV7			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b> Gases/Particulates	
<b>Incident Dt:</b>	2/24/2006			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b> Other Plant	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b> 9061 GARNER ROAD	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b> Niagara	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b> Niagara Falls	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b> 4767414	
<b>MOE Response:</b>				<b>Easting:</b> 650468	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2/24/2006			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Equipment Failure - Malfunction of system components			<b>Source Type:</b>	
<b>Site Name:</b>	9061 GARNER ROAD				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Niagara Falls: Flaring phosphorous Pentoxide				
<b>Contaminant Qty:</b>	100 kg				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	41 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1452-6MBFMX			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Gases/Particulates
<b>Incident Dt:</b>	2/24/2006			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other Plant
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 GARNER ROAD
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>				<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2/24/2006			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	9061 GARNER ROAD				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Niagara Falls: Flaring phosphorous Pentoxide				
<b>Contaminant Qty:</b>	Not Specified Not Specified				

<a href="#">3</a>	42 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road CYTEC WELLAND PLANT Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	8108-6R4GMV			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Gases/Particulates
<b>Incident Dt:</b>	6/25/2006			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other Plant - Organic Chemicals Manufacturing (MISA)
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 GARNER ROAD
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution; Human Health/Safety			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>				<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/25/2006			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Equipment Failure - Malfunction of system components			<b>Source Type:</b>	
<b>Site Name:</b>	9061 GARNER ROAD				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: phosphorous pentoxide emission, plume intermittent.				
<b>Contaminant Qty:</b>	NOT SPECIFIED NOT SPECIFIED				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	43 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1775-7873HR			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Other
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Other Discharges			<b>Sector Type:</b>	Organic Chemicals Manufacturing (MISA)
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	99			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	OTHER			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution; Human Health/Safety			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	10/20/2007			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	10/30/2007			<b>SAC Action Class:</b>	
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec - reactor fire				
<b>Contaminant Qty:</b>	unknown other - see incident description				

<a href="#">3</a>	44 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	2423-6XRRF9			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Gases/Particulate
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	31			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SMOKE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	1/24/2007			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	6/9/2007			<b>SAC Action Class:</b>	
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Planned Spill- Proposed Emission of P2O5				
<b>Contaminant Qty:</b>	12 hours				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	45 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b> 222 <b>Other ID:</b> Y <b>No Other ID:</b> 3.00 <b>Track ID:</b> 54716 <b>Report ID:</b> 118410 <b>Report Type:</b> NPRI <b>Rpt Type ID:</b> 1 <b>Report Year:</b> 2007 <b>Not-Current Rpt?:</b> No		<b>Org ID:</b> 44831 <b>Submit Date:</b> 5/28/2008 <b>Last Modified:</b> 5/29/2015 3:28:24 PM <b>Contact ID:</b> 174753 <b>Cont Type:</b> MED <b>Contact Title:</b> <b>Cont First Name:</b> KENNETH <b>Cont Last Name:</b> MILO <b>Contact Position:</b> SAFETY, HEALTH, AND ENVIRONMENTAL SUPERVISOR			
<b>Yr of Last Filed Rpt:</b> 2014 <b>Fac ID:</b> 224640 <b>Fac Name:</b> WELLAND PLANT <b>Fac Address1:</b> 9061 GARNER ROAD <b>Fac Address2:</b> NOT AVAILABLE <b>Fac Postal Zip:</b> L2E6S5 <b>Facility Lat:</b> 43.0472 <b>Facility Long:</b> -79.1583 <b>DLS (Last Filed Rpt):</b> <b>Facility DLS:</b> <b>Datum:</b> 1983 <b>Facility Cmnts:</b> False <b>URL:</b> <b>No of Empl.:</b> 111 <b>Parent Co.:</b> Y <b>No Parent Co.:</b> 1.00 <b>Pollut Prev Cmnts:</b> False <b>Stacks:</b> True <b>No of Stacks:</b> <b>Canadian SIC Code (2 digit):</b> <b>Canadian SIC Code:</b> <b>SIC Code Description:</b> <b>American SIC Code:</b> <b>NAICS Code (2 digit):</b> 32 <b>NAICS 2 Description:</b> Manufacturing <b>NAICS Code (4 digit):</b> 3259 <b>NAICS 4 Description:</b> Other chemical product manufacturing <b>NAICS Code (6 digit):</b> 325999 <b>NAICS 6 Description:</b> All other miscellaneous chemical product manufacturing		<b>Contact Fax:</b> 9053745879 <b>Contact Ph.:</b> 9053745812 <b>Cont Area Code:</b> 905 <b>Contact Tel.:</b> 53745812 <b>Contact Ext.:</b> <b>Cont Fax Area Cde:</b> 905 <b>Contact Fax:</b> 53745879 <b>Contact Email:</b> KEN.MILO@CYTEC.COM <b>Latitude:</b> 43.0472 <b>Longitude:</b> -79.1583 <b>UTM Zone:</b> <b>UTM Northing:</b> <b>UTM Easting:</b> <b>Waste Streams:</b> True <b>No Streams:</b> 1.00 <b>Waste Off Sites:</b> True <b>No Off Sites:</b> 2.00 <b>Shutdown:</b> <b>No of Shutdown:</b>			

#### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** PM2.5 - Particulate Matter <= 2.5 Microns  
**Chem (fr):** PM2,5 - Matière particulaire <= 2,5 microns  
**Quantity:** .6659999999999999  
**Unit:** tonnes  
**Basis of Estimate Cd:**  
**Basis of Estimate Desc:**

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** PM10 - Particulate Matter <= 10 Microns  
**Chem (fr):** PM10 - Matière particulaire <= 10 microns

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		.6659999999999999			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.6659999999999999			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.173			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		3.55			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.5680000000000000			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.005			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.097			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		1.373			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		23.965			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		1.43			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.009			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.038			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.109			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.644			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<a href="#">3</a>	46 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	NCPL
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**Year:** 2007  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Industrial Sewage  
**Sector:** Inorganic Chemicals  
**District Area:** Niagara  
**Type of Concern:** Legislation Non-Compliance  
**Contaminant:** ACUTE LETHALITY DAPHNIA  
**Status Report:**

Details

**Incident Date:** 8/22/2007  
**Exceedance Start Date:** 8/22/2007  
**Exceedance End Date:** 8/22/2007  
**Limit/Unit/Freq:** Pass acute toxicity  
**Quantity Min/Max:** Fail/Fail  
**Facility Action:** Equipment Modified, Repaired, Replaced or Re-calibrated  
**Ministry Action:** Other Abatement Action Taken

**Incident Date:** 5/28/2007  
**Exceedance Start Date:** 5/28/2007  
**Exceedance End Date:** 5/28/2007  
**Limit/Unit/Freq:** Pass acute toxicity  
**Quantity Min/Max:** Fail/Fail  
**Facility Action:** Equipment Modified, Repaired, Replaced or Re-calibrated  
**Ministry Action:** Other Abatement Action Taken

<a href="#">3</a>	47 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	NCPL
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**Year:** 2007  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Industrial Sewage  
**Sector:** Inorganic Chemicals  
**District Area:** Niagara  
**Type of Concern:** Legislation Non-Compliance  
**Contaminant:** LOW PH EFFLUENT  
**Status Report:**

Details

**Incident Date:** 8/4/2007  
**Exceedance Start Date:** 8/4/2007  
**Exceedance End Date:** 8/4/2007  
**Limit/Unit/Freq:** 6 pH



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Quantity Min/Max:</b>		3.1/3.1			
<b>Facility Action:</b>		Equipment Modified, Repaired, Replaced or Re-calibrated			
<b>Ministry Action:</b>		Other Abatement Action Taken			
<u>3</u>	48 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	3458-7AL6HC			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	1/5/2008			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	1/11/2008			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure - Malfunction of system components			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec-Phosphorus fire,P2O5 plume to atm..				
<b>Contaminant Qty:</b>					

<u>3</u>	49 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	44831
<b>Other ID:</b>	Y			<b>Submit Date:</b>	5/25/2009
<b>No Other ID:</b>	3			<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	63809			<b>Contact ID:</b>	174753
<b>Report ID:</b>	127051			<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	KENNETH
<b>Report Year:</b>	2008			<b>Cont Last Name:</b>	MILO
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	SAFETY, HEALTH, AND ENVIRONMENTAL SUPERVISOR
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745879
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745812
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745812
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745879
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	KEN.MILO@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	No			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	112			<b>Waste Streams:</b>	Yes

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Yes
<b>Pollut Prev Cmnts:</b>	No			<b>No Off Sites:</b>	2
<b>Stacks:</b>	Yes			<b>Shutdown:</b>	No
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>		32			
<b>NAICS 2 Description:</b>		Manufacturing			
<b>NAICS Code (4 digit):</b>		3259			
<b>NAICS 4 Description:</b>		Other chemical product manufacturing			
<b>NAICS Code (6 digit):</b>		325999			
<b>NAICS 6 Description:</b>		All other miscellaneous chemical product manufacturing			

### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Sulphuric acid  
**Chem (fr):** Acide sulfurique  
**Quantity:** 0  
**Unit:** tonnes  
**Basis of Estimate Cd:**  
**Basis of Estimate Desc:**

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Formaldehyde  
**Chem (fr):** Formaldéhyde  
**Quantity:** .005  
**Unit:** tonnes  
**Basis of Estimate Cd:**  
**Basis of Estimate Desc:**

**Category Type ID:** 4  
**Category Type Desc:** Spills  
**Category Type Desc (fr):** Déversements  
**Grouping:** Total Air  
**Trans Code:**  
**Chem:** PM10 - Particulate Matter <= 10 Microns  
**Chem (fr):** PM10 - Matière particulaire <= 10 microns  
**Quantity:** .668  
**Unit:** tonnes  
**Basis of Estimate Cd:** C  
**Basis of Estimate Desc:** C- Mass Balance

**Category Type ID:** 4  
**Category Type Desc:** Spills  
**Category Type Desc (fr):** Déversements  
**Grouping:** Total Air  
**Trans Code:**  
**Chem:** PM2.5 - Particulate Matter <= 2.5 Microns  
**Chem (fr):** PM2,5 - Matière particulaire <= 2,5 microns  
**Quantity:** .668  
**Unit:** tonnes  
**Basis of Estimate Cd:** C  
**Basis of Estimate Desc:** C- Mass Balance

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Volatile Organic Compounds (VOCs)				
<b>Chem (fr):</b>	Composés organiques volatils (COV)				
<b>Quantity:</b>	.573				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Toluene				
<b>Chem (fr):</b>	Toluène				
<b>Quantity:</b>	.001				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>	Stack / Point				
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	ASta				
<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns				
<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns				
<b>Quantity:</b>	.419				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E2				
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward				
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>	Stack / Point				
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	ASta				
<b>Chem:</b>	Carbon monoxide				
<b>Chem (fr):</b>	Monoxyde de carbone				
<b>Quantity:</b>	3.895				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E2				
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward				
<b>Category Type ID:</b>	13				
<b>Category Type Desc:</b>	All Media				
<b>Category Type Desc (fr):</b>	Rejets à tous les médias				
<b>Grouping:</b>	Total All Media<1t				
<b>Trans Code:</b>					
<b>Chem:</b>	Hydrochloric acid				
<b>Chem (fr):</b>	Acide chlorhydrique				
<b>Quantity:</b>	.001				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>	Stack / Point				
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	ASta				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.419			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		2.016			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.098			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.038			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.419			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>	4				
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.668			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>	2				
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.014			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		43.472			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>	4				
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.291			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>	7				
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		2.441			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>	1				
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.174			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.708			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<u>3</u>	50 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	7701-7VYREW			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	31			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SMOKE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	9/17/2009			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Fires
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: PH3 Flaring				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>3</u>	51 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	6814-7YPAXJ			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
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				<b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 12/13/2009 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Unknown - Reason not determined <b>Site Name:</b> Cytec Welland Plant <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec: small phosphine flare <b>Contaminant Qty:</b> 0 other - see incident description	<b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	
<a href="#">3</a>	52 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL	
<hr/>						
				<b>Ref No:</b> 2767-7Z2H48 <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Discharge or Emission to Air <b>Incident Event:</b> <b>Contaminant Code:</b> n/a <b>Contaminant Name:</b> Phosphene <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> Deferred Field Response <b>Dt MOE Arvl on Scn:</b> 12/24/2009 <b>MOE Reported Dt:</b> 12/24/2009 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Gasket/Joint Failure - Any point of connection (Except Weld/Seam) <b>Site Name:</b> Cytec Welland Plant <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec Canada- process pipe leak, particulate. <b>Contaminant Qty:</b>	<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	
<a href="#">3</a>	53 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL	
<hr/>						
				<b>Ref No:</b> 0857-827T8G <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Discharge or Emission to Air <b>Incident Event:</b> <b>Contaminant Code:</b> 27 <b>Contaminant Name:</b> Isobutylene <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b>	<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	1/30/2010			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Spill			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec Canada: Isobutylene gas to atm.				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>3</u>	54 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	4832-7T93UU			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	BUTANE			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>	Planned Field Response			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/21/2009			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Spill			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: venting Butane Gas to atm, 30 min				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>3</u>	55 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	8368-7PZ92Y			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Organic Chemicals Manufacturing (MISA)
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NITROGEN (COMPRESSED GAS)			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				<b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 3/10/2009 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Spill <b>Site Name:</b> Cytec Welland Plant <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec: 45 min intermittant release of 90% Nitrogen to Air <b>Contaminant Qty:</b> 45 min (duration)		
				<b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>		

<u>3</u>	56 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	<b>SPL</b>	
				<b>Ref No:</b> 8617-7V3PKB <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Unknown <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> PHOSPHORIC ACID <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 8/19/2009 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Spill <b>Site Name:</b> Cytec Welland Plant <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec: Flaring, Phosphoric Acid to Atm, Unknown Cause <b>Contaminant Qty:</b> 0 other - see incident description		
				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>		

<u>3</u>	57 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	<b>SPL</b>	
				<b>Ref No:</b> 5800-849G7W <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> Discharge or Emission to Air <b>Incident Event:</b> <b>Contaminant Code:</b> 36 <b>Contaminant Name:</b> PHOSPHORUS PENTOXIDE <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b>		
				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	No Field Response  4/6/2010  Power Interruption - Loss of electrical power Cytec Welland Plant  Cytec: Flaring due to Power Failure Shut Down, Weather			<b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Notifications <b>Source Type:</b>	

<u>3</u>	58 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	1278-84HVRM    Discharge or Emission to Air  n/a Phosphine   Confirmed Air Pollution   No Field Response  4/14/2010  Power Interruption - Loss of electrical power Cytec Welland Plant  Cytec: Power outage, flaring phosphine gas 0 other - see incident description			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	

<u>3</u>	59 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b>	0868-86QFEX    36 PHOSPHORUS PENTOXIDE   Confirmed   No Field Response			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767414 <b>Easting:</b> 650468 <b>Site Geo Ref Accu:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MOE Reported Dt:</b> 6/24/2010 <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> Cytec Welland Plant <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec: flaring P2O5 for 5 minutes <b>Contaminant Qty:</b> 5 min (duration)					
<b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>					
<u>3</u>	60 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 2156-6A4QE5 <b>Application Year:</b> 2005 <b>Issue Date:</b> 3/18/2005 <b>Approval Type:</b> Air <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<u>3</u>	61 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 4-0012-88-006 <b>Application Year:</b> 2005 <b>Issue Date:</b> 7/18/2005 <b>Approval Type:</b> Industrial Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<u>3</u>	62 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> 5134-5YNRMU <b>Application Year:</b> 2004 <b>Issue Date:</b> 6/22/2004 <b>Approval Type:</b> Air <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	63 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		7785-7BAKT7			
<b>Application Year:</b>		2008			
<b>Issue Date:</b>		4/27/2008			
<b>Approval Type:</b>		Air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	64 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		9339-6FSGKB			
<b>Application Year:</b>		2005			
<b>Issue Date:</b>		9/21/2005			
<b>Approval Type:</b>		Air			
<b>Status:</b>		Revoked and/or Replaced			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">3</a>	65 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>		222			
<b>Other ID:</b>		Y			
<b>No Other ID:</b>		3			
<b>Track ID:</b>		85173			
<b>Report ID:</b>		139044			
<b>Report Type:</b>		NPRI			
<b>Rpt Type ID:</b>		1			
<b>Report Year:</b>		2009			
<b>Not-Current Rpt?:</b>		No			
<b>Yr of Last Filed Rpt:</b>		2014			
<b>Fac ID:</b>		224640			
<b>Fac Name:</b>		WELLAND PLANT			
<b>Fac Address1:</b>		9061 GARNER ROAD			
<b>Fac Address2:</b>		NOT AVAILABLE			
<b>Fac Postal Zip:</b>		L2E6S5			
<b>Facility Lat:</b>		43.0472			
<b>Org ID:</b>		44831			
<b>Submit Date:</b>		5/25/2010			
<b>Last Modified:</b>		5/29/2015 3:28:24 PM			
<b>Contact ID:</b>		174750			
<b>Cont Type:</b>		MED			
<b>Contact Title:</b>					
<b>Cont First Name:</b>		KENNETH			
<b>Cont Last Name:</b>		MILO			
<b>Contact Position:</b>		SAFETY, HEALTH, AND ENVIRONMENTAL MANAGER			
<b>Contact Fax:</b>		9053745879			
<b>Contact Ph.:</b>		9053745812			
<b>Cont Area Code:</b>		905			
<b>Contact Tel.:</b>		53745812			
<b>Contact Ext.:</b>					
<b>Cont Fax Area Cde:</b>		905			
<b>Contact Fax:</b>		53745879			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	KEN.MILO@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	No			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	103			<b>Waste Streams:</b>	Yes
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Yes
<b>Pollut Prev Cmnts:</b>	No			<b>No Off Sites:</b>	2
<b>Stacks:</b>	Yes			<b>Shutdown:</b>	Yes
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	1
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

<b>Category Type ID:</b>	4
<b>Category Type Desc:</b>	Spills
<b>Category Type Desc (fr):</b>	Déversements
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	
<b>Chem:</b>	Phosphorus (total)
<b>Chem (fr):</b>	Phosphore (total)
<b>Quantity:</b>	.153
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	C
<b>Basis of Estimate Desc:</b>	C- Mass Balance
<b>Category Type ID:</b>	1
<b>Category Type Desc:</b>	Stack / Point
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	ASta
<b>Chem:</b>	Carbon monoxide
<b>Chem (fr):</b>	Monoxyde de carbone
<b>Quantity:</b>	3.554
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E2
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward
<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns
<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns
<b>Quantity:</b>	.747
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	
<b>Basis of Estimate Desc:</b>	
<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.542			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.747			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.036			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.093			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.015			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.593			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		32.32			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		1.667			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.747			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.005			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.165			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>					
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		1.549			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					

3

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WSW/7.5

180.0 / 12.45

Cytec Canada Inc.  
9061 Garner Rd  
Niagara Falls ON L2E 6S5

SPL

**Ref No:** 2454-87NCHK  
**Site No:**  
**Incident Dt:**  
**Year:**  
**Incident Cause:** Discharge or Emission to Air

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS OXIDES (N.O.S.)			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767414
<b>MOE Response:</b>				<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	7/24/2010			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Welland Plant				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec: flaring P2O5 due to phosphine reactor weld leak				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">3</a>	67 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Road Niagara Falls, Regional Municipality Of Niagara L2E 6T4 CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>	011-4874			<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	2872-8LFTSP			<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision			<b>Section:</b>	
<b>Notice Stage:</b>	803923019			<b>Act 1:</b>	
<b>Notice Date:</b>	December 21, 2011			<b>Act 2:</b>	
<b>Proposal Date:</b>	November 02, 2011			<b>Site Location Map:</b>	
<b>Year:</b>	2011				
<b>Instrument Type:</b>	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)				
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>	Cytec Canada Inc.				
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>	9061 Garner Road, Niagara Falls Ontario, Canada L2E 6S5				
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
9061 Garner Road Niagara Falls, Regional Municipality Of Niagara L2E 6T4 CITY OF NIAGARA FALLS					

<a href="#">3</a>	68 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	8876-8Q367V			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	12/30/2011			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge or Emission to Air			<b>Sector Type:</b>	Other
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution; Soil Contamination <b>Receiving Medium:</b> Sewage - Municipal/Private and Commercial <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 12/30/2011 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Process upset <b>Site Name:</b> Cytec Canada Inc. <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> Cytec Cda: Flaring P2O5. Process upset. Valve suspected <b>Contaminant Qty:</b> 0 other - see incident description				<b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> NA <b>Easting:</b> NA <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	
<a href="#">3</a>	69 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	<b>ECA</b>
<b>Approval No:</b> 3197-8LNHYU <b>Approval Date:</b> 12/13/2011 <b>Status:</b> Approved <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> Air/Noise <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>				<b>MOE District:</b> <b>City:</b> Niagara Falls <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">3</a>	70 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	<b>ECA</b>
<b>Approval No:</b> 4-0012-88-006 <b>Approval Date:</b> 2011-12-16 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS <b>Address:</b> 9061 Garner Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7713-8LJPYN-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7713-8LJPYN-14.pdf</a>				<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.068146 <b>Latitude:</b> 43.1054 <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">3</a>	71 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> <b>9061 GARNER ROAD NOT AVAILABLE</b> <b>NIAGARA FALLS ON L2E6S5</b>	<b>NPRI</b>
<b>NPRI ID:</b> 222 <b>Other ID:</b> Y <b>No Other ID:</b> 5 <b>Track ID:</b> 92938 <b>Report ID:</b> 146990 <b>Report Type:</b> NPRI				<b>Org ID:</b> 102120 <b>Submit Date:</b> 6/14/2011 <b>Last Modified:</b> 5/29/2015 3:28:24 PM <b>Contact ID:</b> 174749 <b>Cont Type:</b> MED <b>Contact Title:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	KENNETH
<b>Report Year:</b>	2010			<b>Cont Last Name:</b>	MILO
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	SAFETY, HEALTH, AND ENVIRONMENTAL MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745879
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745812
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745812
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745879
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	KEN.MILO@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>	No			<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	110			<b>Waste Streams:</b>	Yes
<b>Parent Co.:</b>	Y			<b>No Streams:</b>	1
<b>No Parent Co.:</b>	1			<b>Waste Off Sites:</b>	Yes
<b>Pollut Prev Cmnts:</b>	No			<b>No Off Sites:</b>	2
<b>Stacks:</b>	Yes			<b>Shutdown:</b>	Yes
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	2
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

#### Substance Release Report

<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	Volatile Organic Compounds (VOCs)
<b>Chem (fr):</b>	Composés organiques volatils (COV)
<b>Quantity:</b>	.558
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	
<b>Basis of Estimate Desc:</b>	
<b>Category Type ID:</b>	13
<b>Category Type Desc:</b>	All Media
<b>Category Type Desc (fr):</b>	Rejets à tous les médias
<b>Grouping:</b>	Total All Media<1t
<b>Trans Code:</b>	
<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns
<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns
<b>Quantity:</b>	.535
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	
<b>Basis of Estimate Desc:</b>	
<b>Category Type ID:</b>	7
<b>Category Type Desc:</b>	Direct Discharges
<b>Category Type Desc (fr):</b>	Évacuation directes
<b>Grouping:</b>	Total Water
<b>Trans Code:</b>	WatD

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Chem:</b>				Nitrate ion in solution at pH >= 6.0	
<b>Chem (fr):</b>				Nitrate (ion en sol. à un pH de >= 6.0)	
<b>Quantity:</b>				20.267	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				M1	
<b>Basis of Estimate Desc:</b>				M1- Continuous Emission Monitoring - In use from 2003 and onward	
<b>Category Type ID:</b>				1	
<b>Category Type Desc:</b>				Stack / Point	
<b>Category Type Desc (fr):</b>				Rejets de cheminée ou ponctuels	
<b>Grouping:</b>				Total Air	
<b>Trans Code:</b>				ASta	
<b>Chem:</b>				Ammonia (total)	
<b>Chem (fr):</b>				Ammoniac (total)	
<b>Quantity:</b>				.168	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E2	
<b>Basis of Estimate Desc:</b>				E2- Published Emission Factors - In use from 2003 and onward	
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Sulphur dioxide	
<b>Chem (fr):</b>				Dioxyde de soufre	
<b>Quantity:</b>				.037	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Formaldehyde	
<b>Chem (fr):</b>				Formaldéhyde	
<b>Quantity:</b>				.005	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>				1	
<b>Category Type Desc:</b>				Stack / Point	
<b>Category Type Desc (fr):</b>				Rejets de cheminée ou ponctuels	
<b>Grouping:</b>				Total Air	
<b>Trans Code:</b>				ASta	
<b>Chem:</b>				Nitrogen oxides (expressed as NO2)	
<b>Chem (fr):</b>				Oxydes d'azote (exprimés en NO2)	
<b>Quantity:</b>				3.558	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E2	
<b>Basis of Estimate Desc:</b>				E2- Published Emission Factors - In use from 2003 and onward	
<b>Category Type ID:</b>				13	
<b>Category Type Desc:</b>				All Media	
<b>Category Type Desc (fr):</b>				Rejets à tous les médias	
<b>Grouping:</b>				Total All Media<1t	
<b>Trans Code:</b>					
<b>Chem:</b>				Hydrochloric acid	
<b>Chem (fr):</b>				Acide chlorhydrique	
<b>Quantity:</b>				0	
<b>Unit:</b>				tonnes	
<b>Basis of Estimate Cd:</b>				E2	
<b>Basis of Estimate Desc:</b>				E2- Published Emission Factors - In use from 2003 and onward	

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.535			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.9909			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.535			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.095			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>					
<b>Basis of Estimate Desc:</b>					
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		1.219			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		3.692			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<u>3</u>	72 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	All Other Miscellaneous Chemical Product Manufacturing				

**Detail(s)**

<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		242			
<b>Waste Class Desc:</b>		HALOGENATED PESTICIDES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<b>Waste Class:</b>		114			
<b>Waste Class Desc:</b>		OTHER INORGANIC ACID WASTES			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		123			
<b>Waste Class Desc:</b>		ALKALINE PHOSPHATES			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		133			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		BRINES, CHLOR-ALKALI WASTES			
<b>Waste Class:</b>		135			
<b>Waste Class Desc:</b>		REACTIVE ANION WASTES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			

[3](#)      73 of 131      WSW/7.5      180.0 / 12.45      **Cytec Canada Inc.**  
9061 Garner Rd  
Niagara Falls ON L2E 6S5      **ECA**

<b>Approval No:</b>	3197-8LNHYU	<b>MOE District:</b>	
<b>Approval Date:</b>	9/7/2012	<b>City:</b>	Niagara Falls
<b>Status:</b>	Approved	<b>Longitude:</b>	
<b>Record Type:</b>		<b>Latitude:</b>	
<b>Link Source:</b>		<b>Geometry X:</b>	
<b>SWP Area Name:</b>		<b>Geometry Y:</b>	
<b>Approval Type:</b>			
<b>Project Type:</b>	Air/Noise		
<b>Address:</b>			
<b>Full Address:</b>			
<b>Full PDF Link:</b>			

[3](#)      74 of 131      WSW/7.5      180.0 / 12.45      **CYTEC CANADA INC.**  
9061 GARNER ROAD NOT AVAILABLE  
NIAGARA FALLS ON L2E6S5      **NPRI**

<b>NPRI ID:</b>	222	<b>Org ID:</b>	102120
<b>Other ID:</b>		<b>Submit Date:</b>	12/21/2012
<b>No Other ID:</b>		<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	102698	<b>Contact ID:</b>	174749
<b>Report ID:</b>	7780	<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI	<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1	<b>Cont First Name:</b>	KENNETH
<b>Report Year:</b>	2011	<b>Cont Last Name:</b>	MILO
<b>Not-Current Rpt?:</b>	No	<b>Contact Position:</b>	SAFETY, HEALTH, AND ENVIRONMENTAL MANAGER
<b>Yr of Last Filed Rpt:</b>	2014	<b>Contact Fax:</b>	9053745879
<b>Fac ID:</b>	224640	<b>Contact Ph.:</b>	9053745812
<b>Fac Name:</b>	WELLAND PLANT	<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD	<b>Contact Tel.:</b>	53745812
<b>Fac Address2:</b>	NOT AVAILABLE	<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5	<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472	<b>Contact Fax:</b>	53745879
<b>Facility Long:</b>	-79.1583	<b>Contact Email:</b>	KEN.MILO@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>		<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>		<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983	<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>		<b>UTM Northing:</b>	
<b>URL:</b>		<b>UTM Easting:</b>	
<b>No of Empl.:</b>	116	<b>Waste Streams:</b>	
<b>Parent Co.:</b>		<b>No Streams:</b>	
<b>No Parent Co.:</b>		<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>		<b>No Off Sites:</b>	
<b>Stacks:</b>		<b>Shutdown:</b>	
<b>No of Stacks:</b>		<b>No of Shutdown:</b>	



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b> 32					
<b>NAICS 2 Description:</b> Manufacturing					
<b>NAICS Code (4 digit):</b> 3259					
<b>NAICS 4 Description:</b> Other chemical product manufacturing					
<b>NAICS Code (6 digit):</b> 325999					
<b>NAICS 6 Description:</b> All other miscellaneous chemical product manufacturing					
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b> 7					
<b>Category Type Desc:</b> Direct Discharges					
<b>Category Type Desc (fr):</b> Évacuation directes					
<b>Grouping:</b> Total Water					
<b>Trans Code:</b> WatD					
<b>Chem:</b> Ammonia (total)					
<b>Chem (fr):</b> Ammoniac (total)					
<b>Quantity:</b> 1.848					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> M1					
<b>Basis of Estimate Desc:</b> M1- Continuous Emission Monitoring - In use from 2003 and onward					
<b>Category Type ID:</b> 7					
<b>Category Type Desc:</b> Direct Discharges					
<b>Category Type Desc (fr):</b> Évacuation directes					
<b>Grouping:</b> Total Water					
<b>Trans Code:</b> WatD					
<b>Chem:</b> Phosphorus (total)					
<b>Chem (fr):</b> Phosphore (total)					
<b>Quantity:</b> 1.479					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> M1					
<b>Basis of Estimate Desc:</b> M1- Continuous Emission Monitoring - In use from 2003 and onward					
<b>Category Type ID:</b> 1					
<b>Category Type Desc:</b> Stack / Point					
<b>Category Type Desc (fr):</b> Rejets de cheminée ou ponctuels					
<b>Grouping:</b> Total Air					
<b>Trans Code:</b> ASta					
<b>Chem:</b> Isopropyl alcohol					
<b>Chem (fr):</b> Alcool iso-propylique					
<b>Quantity:</b> .003					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> O					
<b>Basis of Estimate Desc:</b> O- Engineering Estimates					
<b>Category Type ID:</b> 4					
<b>Category Type Desc:</b> Spills					
<b>Category Type Desc (fr):</b> Déversements					
<b>Grouping:</b> Total Air					
<b>Trans Code:</b>					
<b>Chem:</b> PM10 - Particulate Matter <= 10 Microns					
<b>Chem (fr):</b> PM10 - Matière particulaire <= 10 microns					
<b>Quantity:</b> .234					
<b>Unit:</b> tonnes					
<b>Basis of Estimate Cd:</b> C					
<b>Basis of Estimate Desc:</b> C- Mass Balance					
<b>Category Type ID:</b> 1					
<b>Category Type Desc:</b> Stack / Point					
<b>Category Type Desc (fr):</b> Rejets de cheminée ou ponctuels					
<b>Grouping:</b> Total Air					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.318			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.234			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.104			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		31.579			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.429			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		4.073			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.102			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.294			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.429			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.429			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.77			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.185			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.04			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.004			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Acide chlorhydrique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>	2				
<b>Category Type Desc:</b>	Storage / Handling				
<b>Category Type Desc (fr):</b>	Rejets de stockage ou manutention				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>	VOCg				
<b>Chem:</b>	Phosphorus (total)				
<b>Chem (fr):</b>	Phosphore (total)				
<b>Quantity:</b>	.019				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	E2				
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward				
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>	Spills				
<b>Category Type Desc (fr):</b>	Déversements				
<b>Grouping:</b>	Total Air				
<b>Trans Code:</b>					
<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns				
<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns				
<b>Quantity:</b>	.234				
<b>Unit:</b>	tonnes				
<b>Basis of Estimate Cd:</b>	C				
<b>Basis of Estimate Desc:</b>	C- Mass Balance				
<u>3</u>	75 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	All Other Miscellaneous Chemical Product Manufacturing				
<b>Detail(s)</b>					
<b>Waste Class:</b>	266				
<b>Waste Class Desc:</b>	PHENOLIC WASTES				
<b>Waste Class:</b>	211				
<b>Waste Class Desc:</b>	AROMATIC SOLVENTS				
<b>Waste Class:</b>	121				
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS				
<b>Waste Class:</b>	268				
<b>Waste Class Desc:</b>	AMINES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	253				
<b>Waste Class Desc:</b>	EMULSIFIED OILS				
<b>Waste Class:</b>	331				
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES				
<b>Waste Class:</b>	123				
<b>Waste Class Desc:</b>	ALKALINE PHOSPHATES				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>				INORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			135		
<b>Waste Class Desc:</b>				REACTIVE ANION WASTES	
<b>Waste Class:</b>			113		
<b>Waste Class Desc:</b>				ACID WASTE - OTHER METALS	
<b>Waste Class:</b>			114		
<b>Waste Class Desc:</b>				OTHER INORGANIC ACID WASTES	
<b>Waste Class:</b>			251		
<b>Waste Class Desc:</b>				OIL SKIMMINGS & SLUDGES	
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>				HEAVY FUELS	
<b>Waste Class:</b>			232		
<b>Waste Class Desc:</b>				POLYMERIC RESINS	
<b>Waste Class:</b>			145		
<b>Waste Class Desc:</b>				PAINT/PIGMENT/COATING RESIDUES	
<b>Waste Class:</b>			241		
<b>Waste Class Desc:</b>				HALOGENATED SOLVENTS	
<b>Waste Class:</b>			122		
<b>Waste Class Desc:</b>				ALKALINE WASTES - OTHER METALS	
<b>Waste Class:</b>			133		
<b>Waste Class Desc:</b>				BRINES, CHLOR-ALKALI WASTES	
<b>Waste Class:</b>			267		
<b>Waste Class Desc:</b>				ORGANIC ACIDS	
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>				ALIPHATIC SOLVENTS	
<b>Waste Class:</b>			213		
<b>Waste Class Desc:</b>				PETROLEUM DISTILLATES	
<b>Waste Class:</b>			312		
<b>Waste Class Desc:</b>				PATHOLOGICAL WASTES	
<b>Waste Class:</b>			132		
<b>Waste Class Desc:</b>				NEUTRALIZED WASTES - OTHER METALS	
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>				ORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			233		
<b>Waste Class Desc:</b>				OTHER POLYMERIC WASTES	
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>				ACID WASTE - HEAVY METALS	
<b>Waste Class:</b>			242		
<b>Waste Class Desc:</b>				HALOGENATED PESTICIDES	
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>				OTHER SPECIFIED INORGANICS	
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>				WASTE OILS & LUBRICANTS	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	76 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	All Other Miscellaneous Chemical Product Manufacturing				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	232				
<b>Waste Class Desc:</b>	POLYMERIC RESINS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	268				
<b>Waste Class Desc:</b>	AMINES				
<b>Waste Class:</b>	222				
<b>Waste Class Desc:</b>	HEAVY FUELS				
<b>Waste Class:</b>	253				
<b>Waste Class Desc:</b>	EMULSIFIED OILS				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	114				
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES				
<b>Waste Class:</b>	267				
<b>Waste Class Desc:</b>	ORGANIC ACIDS				
<b>Waste Class:</b>	113				
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS				
<b>Waste Class:</b>	331				
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	242				
<b>Waste Class Desc:</b>	HALOGENATED PESTICIDES				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		135			
<b>Waste Class Desc:</b>		REACTIVE ANION WASTES			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		133			
<b>Waste Class Desc:</b>		BRINES, CHLOR-ALKALI WASTES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		233			
<b>Waste Class Desc:</b>		OTHER POLYMERIC WASTES			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		123			
<b>Waste Class Desc:</b>		ALKALINE PHOSPHATES			

<u>3</u>	77 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6T4</b>	<b>GEN</b>
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<b>Generator No:</b>	ON1808501	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2012	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	325999		
<b>SIC Description:</b>	All Other Miscellaneous Chemical Product Manufacturing		

**Detail(s)**

<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	114
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	135



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>				REACTIVE ANION WASTES	
<b>Waste Class:</b>			221		
<b>Waste Class Desc:</b>				LIGHT FUELS	
<b>Waste Class:</b>			251		
<b>Waste Class Desc:</b>				OIL SKIMMINGS & SLUDGES	
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>				INORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>				ALIPHATIC SOLVENTS	
<b>Waste Class:</b>			266		
<b>Waste Class Desc:</b>				PHENOLIC WASTES	
<b>Waste Class:</b>			123		
<b>Waste Class Desc:</b>				ALKALINE PHOSPHATES	
<b>Waste Class:</b>			312		
<b>Waste Class Desc:</b>				PATHOLOGICAL WASTES	
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>				AROMATIC SOLVENTS	
<b>Waste Class:</b>			232		
<b>Waste Class Desc:</b>				POLYMERIC RESINS	
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>				ACID WASTE - HEAVY METALS	
<b>Waste Class:</b>			242		
<b>Waste Class Desc:</b>				HALOGENATED PESTICIDES	
<b>Waste Class:</b>			267		
<b>Waste Class Desc:</b>				ORGANIC ACIDS	
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>				AMINES	
<b>Waste Class:</b>			113		
<b>Waste Class Desc:</b>				ACID WASTE - OTHER METALS	
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>				ORGANIC LABORATORY CHEMICALS	
<b>Waste Class:</b>			121		
<b>Waste Class Desc:</b>				ALKALINE WASTES - HEAVY METALS	
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>				OTHER SPECIFIED INORGANICS	
<b>Waste Class:</b>			253		
<b>Waste Class Desc:</b>				EMULSIFIED OILS	
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>				HEAVY FUELS	
<b>Waste Class:</b>			233		
<b>Waste Class Desc:</b>				OTHER POLYMERIC WASTES	
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>				WASTE OILS & LUBRICANTS	
<b>Waste Class:</b>			122		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		133			
<b>Waste Class Desc:</b>		BRINES, CHLOR-ALKALI WASTES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			

<a href="#">3</a>	78 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON	SPL
<b>Ref No:</b>	7386-9AKSW6			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	2013/08/14			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Leak/Break			<b>Sector Type:</b>	Structure
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	NA
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	NA
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2013/08/14			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Cytec Canada - phosphorous pentoxide to atm				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">3</a>	79 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	102120
<b>Other ID:</b>				<b>Submit Date:</b>	5/31/2013
<b>No Other ID:</b>				<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	109729			<b>Contact ID:</b>	
<b>Report ID:</b>	18604			<b>Cont Type:</b>	
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	
<b>Report Year:</b>	2012			<b>Cont Last Name:</b>	
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>				<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	117			<b>Waste Streams:</b>	
<b>Parent Co.:</b>				<b>No Streams:</b>	
<b>No Parent Co.:</b>				<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>				<b>No Off Sites:</b>	
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Volatile Organic Compounds (VOCs)  
**Chem (fr):** Composés organiques volatils (COV)  
**Quantity:** .6639999999999999  
**Unit:** tonnes  
**Basis of Estimate Cd:** NA  
**Basis of Estimate Desc:** NA- Not Applicable

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Formaldehyde  
**Chem (fr):** Formaldéhyde  
**Quantity:** .006  
**Unit:** tonnes  
**Basis of Estimate Cd:** NA  
**Basis of Estimate Desc:** NA- Not Applicable

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** n-Hexane  
**Chem (fr):** n-Hexane  
**Quantity:** .114  
**Unit:** tonnes  
**Basis of Estimate Cd:** NA  
**Basis of Estimate Desc:** NA- Not Applicable

**Category Type ID:** 7  
**Category Type Desc:** Direct Discharges  
**Category Type Desc (fr):** Évacuation directes

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		11.099			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		4.505			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.666			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.666			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.043			
<b>Unit:</b>		tonnes			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.666			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.989			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		1.137			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		4.027			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		NA			
<b>Basis of Estimate Desc:</b>		NA- Not Applicable			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.202			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			

<u>3</u>	80 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING				

**Detail(s)**

<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	114
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	312
<b>Waste Class Desc:</b>	PATHOLOGICAL WASTES
<b>Waste Class:</b>	242
<b>Waste Class Desc:</b>	HALOGENATED PESTICIDES
<b>Waste Class:</b>	266
<b>Waste Class Desc:</b>	PHENOLIC WASTES
<b>Waste Class:</b>	113
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS
<b>Waste Class:</b>	243
<b>Waste Class Desc:</b>	PCBS

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>			HEAVY FUELS		
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>			INORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>			AROMATIC SOLVENTS		
<b>Waste Class:</b>			251		
<b>Waste Class Desc:</b>			OIL SKIMMINGS & SLUDGES		
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>			ACID WASTE - HEAVY METALS		
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>			AMINES		
<b>Waste Class:</b>			132		
<b>Waste Class Desc:</b>			NEUTRALIZED WASTES - OTHER METALS		
<b>Waste Class:</b>			133		
<b>Waste Class Desc:</b>			BRINES, CHLOR-ALKALI WASTES		
<b>Waste Class:</b>			267		
<b>Waste Class Desc:</b>			ORGANIC ACIDS		
<b>Waste Class:</b>			221		
<b>Waste Class Desc:</b>			LIGHT FUELS		
<b>Waste Class:</b>			263		
<b>Waste Class Desc:</b>			ORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			122		
<b>Waste Class Desc:</b>			ALKALINE WASTES - OTHER METALS		
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>			WASTE OILS & LUBRICANTS		
<b>Waste Class:</b>			331		
<b>Waste Class Desc:</b>			WASTE COMPRESSED GASES		
<b>Waste Class:</b>			145		
<b>Waste Class Desc:</b>			PAINT/PIGMENT/COATING RESIDUES		
<b>Waste Class:</b>			123		
<b>Waste Class Desc:</b>			ALKALINE PHOSPHATES		
<b>Waste Class:</b>			135		
<b>Waste Class Desc:</b>			REACTIVE ANION WASTES		
<b>Waste Class:</b>			233		
<b>Waste Class Desc:</b>			OTHER POLYMERIC WASTES		
<b>Waste Class:</b>			253		
<b>Waste Class Desc:</b>			EMULSIFIED OILS		
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>			OTHER SPECIFIED INORGANICS		
<b>Waste Class:</b>			241		
<b>Waste Class Desc:</b>			HALOGENATED SOLVENTS		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	81 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	102120
<b>Other ID:</b>				<b>Submit Date:</b>	5/30/2014
<b>No Other ID:</b>				<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	119844			<b>Contact ID:</b>	150987
<b>Report ID:</b>	39975			<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	GARY
<b>Report Year:</b>	2013			<b>Cont Last Name:</b>	SOMMER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	SAFETY, HEALTH & ENVIRONMNETAL MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053747925
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53747925
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	GARY.SOMMER@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>				<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	151			<b>Waste Streams:</b>	
<b>Parent Co.:</b>				<b>No Streams:</b>	
<b>No Parent Co.:</b>				<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>				<b>No Off Sites:</b>	
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

#### Substance Release Report

**Category Type ID:** 2  
**Category Type Desc:** Storage / Handling  
**Category Type Desc (fr):** Rejets de stockage ou manutention  
**Grouping:** Total Air  
**Trans Code:** VOCg  
**Chem:** Toluene  
**Chem (fr):** Toluène  
**Quantity:** .001  
**Unit:** tonnes  
**Basis of Estimate Cd:** E2  
**Basis of Estimate Desc:** E2- Published Emission Factors - In use from 2003 and onward

**Category Type ID:** 4  
**Category Type Desc:** Spills  
**Category Type Desc (fr):** Déversements  
**Grouping:** Total Air  
**Trans Code:**  
**Chem:** Phosphorus (total)  
**Chem (fr):** Phosphore (total)



<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		.079			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		4.004			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.423			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Sulphur dioxide			
<b>Chem (fr):</b>		Dioxyde de soufre			
<b>Quantity:</b>		.039			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.002			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.423			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.423			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.182			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.182			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.285			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Quantity:</b>		.0175			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.31			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.101			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.395			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.908			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.005			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.18			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		3.58			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		12.358			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		.182			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			

3

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WSW/7.5

180.0 / 12.45

CYTEC Canada Inc.  
9061 Garner Rd  
Niagara Falls ON L2E 6S5

SPL

**Ref No:** 8218-9VBRSJ  
**Site No:** 4514-8MQKV6  
**Incident Dt:** 4/6/2015  
**Year:**  
**Incident Cause:** Process Upset/Malfunction  
**Incident Event:**  
**Contaminant Code:** 28  
**Contaminant Name:** PHOSPHORUS PENTASULFIDE  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:** Air  
**Receiving Medium:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** 9061 Garner Rd  
**Site District Office:**  
**Site Postal Code:** L2E 6S5  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>Receiving Env:</b> <b>MOE Response:</b> N <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 4/6/2015 <b>Dt Document Closed:</b> 4/23/2015 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Cytec Canada Inc. <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> NA <b>Incident Summary:</b> Cytec: ring of fire of phosphene, resulted in flare <b>Contaminant Qty:</b> 0 other - see incident description	
				<b>Northing:</b> NA <b>Easting:</b> NA <b>Site Geo Ref Accu:</b> NA <b>Site Map Datum:</b> NA <b>SAC Action Class:</b> Air Spills - Gases and Vapours <b>Source Type:</b>	

<a href="#">3</a>	83 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	SPL
				<b>Ref No:</b> 0654-9MJ4JF <b>Site No:</b> 4514-8MQKV6 <b>Incident Dt:</b> 2014/07/30 <b>Year:</b> <b>Incident Cause:</b> Leak/Break <b>Incident Event:</b> <b>Contaminant Code:</b> 46  <b>Contaminant Name:</b> BRINE WATER <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Not Anticipated <b>Nature of Impact:</b> Surface Water Pollution <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> No Field Response <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2014/07/30 <b>Dt Document Closed:</b> 2014/10/17 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Cytec Canada Inc. <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> NA <b>Incident Summary:</b> Cytec: 200lbs brine to storm <b>Contaminant Qty:</b> 200 lb	
				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Other <b>Agency Involved:</b> <b>Nearest Watercourse:</b> Great Lakes - St. Lawrence; Lake Ontario; Niagara River - Southern Lake Ontario Tributaries; Welland River <b>Site Address:</b> 9061 Garner Rd <b>Site District Office:</b> <b>Site Postal Code:</b> L2E 6S5 <b>Site Region:</b> <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> NA <b>Easting:</b> NA <b>Site Geo Ref Accu:</b> NA <b>Site Map Datum:</b> NA <b>SAC Action Class:</b> Primary Assessment of Incident <b>Source Type:</b>	

<a href="#">3</a>	84 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	SPL
				<b>Ref No:</b> 4862-9NDRTK <b>Site No:</b> 4514-8MQKV6 <b>Incident Dt:</b> 2014/08/27 <b>Year:</b> <b>Incident Cause:</b> Fire/Explosion <b>Incident Event:</b> <b>Contaminant Code:</b> 31 <b>Contaminant Name:</b> SMOKE <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> Confirmed <b>Nature of Impact:</b> Air Pollution <b>Receiving Medium:</b>	
				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Tank - Indoors <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 9061 Garner Rd <b>Site District Office:</b> <b>Site Postal Code:</b> L2E 6S5 <b>Site Region:</b> <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Receiving Env:</b>				<b>Northing:</b>	NA
<b>MOE Response:</b>	Deferred Field Response			<b>Easting:</b>	NA
<b>Dt MOE Arvl on Scn:</b>	2014/08/27			<b>Site Geo Ref Accu:</b>	NA
<b>MOE Reported Dt:</b>	2014/08/27			<b>Site Map Datum:</b>	NA
<b>Dt Document Closed:</b>	2014/10/17			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Unknown / N/A			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	NA				
<b>Incident Summary:</b>	Cytec Canada: fire, phosphine smoke to atm 4 min.				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">3</a>	85 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	6683-9THEYE			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2/7/2015			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Leak/Break			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	28			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHINE (HYDROGEN PHOSPHIDE)			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	NA
<b>MOE Response:</b>	N			<b>Easting:</b>	NA
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	NA
<b>MOE Reported Dt:</b>	2/7/2015			<b>Site Map Datum:</b>	NA
<b>Dt Document Closed:</b>	2/10/2015			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	NA				
<b>Incident Summary:</b>	Cytec: leak on transfer line, fire involving PH3 to atm				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">3</a>	86 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	NPRI
<b>NPRI ID:</b>	222			<b>Org ID:</b>	102120
<b>Other ID:</b>				<b>Submit Date:</b>	5/27/2015
<b>No Other ID:</b>				<b>Last Modified:</b>	6/10/2015 10:59:03 AM
<b>Track ID:</b>	126111			<b>Contact ID:</b>	231649
<b>Report ID:</b>	47441			<b>Cont Type:</b>	MEM
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	GARY
<b>Report Year:</b>	2014			<b>Cont Last Name:</b>	SOMMER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	SAFETY, HEALTH & ENVIRONMMETAL MANAGER
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745812
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745812
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	GARY.SOMMER@CYTEC.COM
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>				<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	150			<b>Waste Streams:</b>	
<b>Parent Co.:</b>				<b>No Streams:</b>	
<b>No Parent Co.:</b>				<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>				<b>No Off Sites:</b>	
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>		32			
<b>NAICS 2 Description:</b>		Manufacturing			
<b>NAICS Code (4 digit):</b>		3259			
<b>NAICS 4 Description:</b>		Other chemical product manufacturing			
<b>NAICS Code (6 digit):</b>		325999			
<b>NAICS 6 Description:</b>		All other miscellaneous chemical product manufacturing			

### Substance Release Report

<b>Category Type ID:</b>	2
<b>Category Type Desc:</b>	Storage / Handling
<b>Category Type Desc (fr):</b>	Rejets de stockage ou manutention
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	VOCg
<b>Chem:</b>	Phosphorus (total)
<b>Chem (fr):</b>	Phosphore (total)
<b>Quantity:</b>	.0199
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	O
<b>Basis of Estimate Desc:</b>	O- Engineering Estimates
<b>Category Type ID:</b>	1
<b>Category Type Desc:</b>	Stack / Point
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	ASta
<b>Chem:</b>	PM2.5 - Particulate Matter <= 2.5 Microns
<b>Chem (fr):</b>	PM2,5 - Matière particulaire <= 2,5 microns
<b>Quantity:</b>	.176
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E2
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward
<b>Category Type ID:</b>	1
<b>Category Type Desc:</b>	Stack / Point
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels
<b>Grouping:</b>	Total Air
<b>Trans Code:</b>	ASta
<b>Chem:</b>	Sulphur dioxide
<b>Chem (fr):</b>	Dioxyde de soufre
<b>Quantity:</b>	.059
<b>Unit:</b>	tonnes
<b>Basis of Estimate Cd:</b>	E2
<b>Basis of Estimate Desc:</b>	E2- Published Emission Factors - In use from 2003 and onward
<b>Category Type ID:</b>	1
<b>Category Type Desc:</b>	Stack / Point
<b>Category Type Desc (fr):</b>	Rejets de cheminée ou ponctuels

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Acetone			
<b>Chem (fr):</b>		Acétone			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Phosphorus (total)			
<b>Chem (fr):</b>		Phosphore (total)			
<b>Quantity:</b>		.871			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		.176			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		.001			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM10 - Particulate Matter <= 10 Microns			
<b>Chem (fr):</b>		PM10 - Matière particulaire <= 10 microns			
<b>Quantity:</b>		2.034			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Carbon monoxide			
<b>Chem (fr):</b>		Monoxyde de carbone			
<b>Quantity:</b>		5.834			
<b>Unit:</b>		tonnes			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Basis of Estimate Cd:</b>			E2		
<b>Basis of Estimate Desc:</b>			E2- Published Emission Factors - In use from 2003 and onward		
<b>Category Type ID:</b>			1		
<b>Category Type Desc:</b>			Stack / Point		
<b>Category Type Desc (fr):</b>			Rejets de cheminée ou ponctuels		
<b>Grouping:</b>			Total Air		
<b>Trans Code:</b>			ASta		
<b>Chem:</b>			Formaldehyde		
<b>Chem (fr):</b>			Formaldéhyde		
<b>Quantity:</b>			.007		
<b>Unit:</b>			tonnes		
<b>Basis of Estimate Cd:</b>			E2		
<b>Basis of Estimate Desc:</b>			E2- Published Emission Factors - In use from 2003 and onward		
<b>Category Type ID:</b>			7		
<b>Category Type Desc:</b>			Direct Discharges		
<b>Category Type Desc (fr):</b>			Évacuation directes		
<b>Grouping:</b>			Total Water		
<b>Trans Code:</b>			WatD		
<b>Chem:</b>			Ammonia (total)		
<b>Chem (fr):</b>			Ammoniac (total)		
<b>Quantity:</b>			.675		
<b>Unit:</b>			tonnes		
<b>Basis of Estimate Cd:</b>			M1		
<b>Basis of Estimate Desc:</b>			M1- Continuous Emission Monitoring - In use from 2003 and onward		
<b>Category Type ID:</b>			2		
<b>Category Type Desc:</b>			Storage / Handling		
<b>Category Type Desc (fr):</b>			Rejets de stockage ou manutention		
<b>Grouping:</b>			Total Air		
<b>Trans Code:</b>			VOCg		
<b>Chem:</b>			Toluene		
<b>Chem (fr):</b>			Toluène		
<b>Quantity:</b>			.001		
<b>Unit:</b>			tonnes		
<b>Basis of Estimate Cd:</b>			O		
<b>Basis of Estimate Desc:</b>			O- Engineering Estimates		
<b>Category Type ID:</b>			4		
<b>Category Type Desc:</b>			Spills		
<b>Category Type Desc (fr):</b>			Déversements		
<b>Grouping:</b>			Total Air		
<b>Trans Code:</b>					
<b>Chem:</b>			Phosphorus (total)		
<b>Chem (fr):</b>			Phosphore (total)		
<b>Quantity:</b>			.888		
<b>Unit:</b>			tonnes		
<b>Basis of Estimate Cd:</b>			C		
<b>Basis of Estimate Desc:</b>			C- Mass Balance		
<b>Category Type ID:</b>			1		
<b>Category Type Desc:</b>			Stack / Point		
<b>Category Type Desc (fr):</b>			Rejets de cheminée ou ponctuels		
<b>Grouping:</b>			Total Air		
<b>Trans Code:</b>			ASta		
<b>Chem:</b>			Isopropyl alcohol		
<b>Chem (fr):</b>			Alcool iso-propylique		
<b>Quantity:</b>			.002		
<b>Unit:</b>			tonnes		
<b>Basis of Estimate Cd:</b>			O		
<b>Basis of Estimate Desc:</b>			O- Engineering Estimates		
<b>Category Type ID:</b>			2		
<b>Category Type Desc:</b>			Storage / Handling		
<b>Category Type Desc (fr):</b>			Rejets de stockage ou manutention		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.983			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Nitrogen oxides (expressed as NO2)			
<b>Chem (fr):</b>		Oxydes d'azote (exprimés en NO2)			
<b>Quantity:</b>		7.48			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		2.034			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>		Volatile Organic Compounds (VOCs)			
<b>Chem (fr):</b>		Composés organiques volatils (COV)			
<b>Quantity:</b>		.042			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>		Nitrate ion in solution at pH >= 6.0			
<b>Chem (fr):</b>		Nitrate (ion en sol. à un pH de >= 6.0)			
<b>Quantity:</b>		9.463			
<b>Unit:</b>		tonnes			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		PM - Total Particulate Matter			
<b>Chem (fr):</b>		PM - Particules totales			
<b>Quantity:</b>		.176			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		Ammonia (total)			
<b>Chem (fr):</b>		Ammoniac (total)			
<b>Quantity:</b>		.288			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>		n-Hexane			
<b>Chem (fr):</b>		n-Hexane			
<b>Quantity:</b>		.162			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>		PM2.5 - Particulate Matter <= 2.5 Microns			
<b>Chem (fr):</b>		PM2,5 - Matière particulaire <= 2,5 microns			
<b>Quantity:</b>		2.034			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			

[3](#)

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WSW/7.5

180.0 / 12.45

9061 Garner Rd  
Niagara Falls ON L2E 6S5

EHS

**Order No:** 20141208006  
**Status:** C  
**Report Type:** Site Report  
**Report Date:** 09-DEC-14  
**Date Received:** 08-DEC-14  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** MI  
**Search Radius (km):** .02  
**X:** -79.158224  
**Y:** 43.047282

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	88 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls Regional Municipality of Niagara L2E 6S5 CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b> 012-9934 <b>Ministry Ref No:</b> 9478-AH4KA9 <b>Notice Type:</b> Instrument Decision <b>Notice Stage:</b> 859663510 <b>Notice Date:</b> December 27, 2017 <b>Proposal Date:</b> February 28, 2017 <b>Year:</b> 2017 <b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b> <b>Instrument Type:</b> (EPA Part II.1-air) - Environmental Compliance Approval (project type: air) <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> Cytec Canada Inc. <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> 9061 Garner Road, Niagara Falls Ontario, Canada L2H 0Y2 <b>Comment Period:</b> <b>URL:</b> <b>Site Location Details:</b> 9061 Garner Road Niagara Falls Regional Municipality of Niagara L2E 6S5 CITY OF NIAGARA FALLS					
<a href="#">3</a>	89 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b> 7531-AJVTWX <b>Site No:</b> 4514-8MQKV6 <b>Incident Dt:</b> 2/24/2017 <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> Leak/Break <b>Contaminant Code:</b> 21 <b>Contaminant Name:</b> SULPHURIC ACID <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Land <b>MOE Response:</b> No <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2/24/2017 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Cytec Canada Inc. <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> 10-30 metres eg. Medium Quality GPS <b>Incident Summary:</b> Solvay Canada 80L of Sulphuric Acid to asphalt, cntd, cleaning <b>Contaminant Qty:</b> 80 L <b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> Miscellaneous Industrial <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 9061 Garner Rd <b>Site District Office:</b> <b>Site Postal Code:</b> L2E 6S5 <b>Site Region:</b> <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767850 <b>Easting:</b> 650175 <b>Site Geo Ref Accu:</b> GIS Software <b>Site Map Datum:</b> NAD83 <b>SAC Action Class:</b> Land Spills <b>Source Type:</b>					
<a href="#">3</a>	90 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
				<b>Approval No:</b> 3197-8LNHYU <b>Approval Date:</b> 2011-12-13 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9061 Garner Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2872-8LFTSP-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2872-8LFTSP-14.pdf</a>	<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.068146 <b>Latitude:</b> 43.1054 <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">3</a>	91 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	ECA	
				<b>Approval No:</b> 3197-8LNHYU <b>Approval Date:</b> 2012-09-07 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9061 Garner Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6580-8SFNT4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6580-8SFNT4-14.pdf</a>	<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.068146 <b>Latitude:</b> 43.1054 <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">3</a>	92 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Road</b> <b>Niagara Falls ON L2E 6T4</b>	ECA	
				<b>Approval No:</b> 5134-5YNRMU <b>Approval Date:</b> 2004-06-22 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9061 Garner Road <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8277-5T6MH3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8277-5T6MH3-14.pdf</a>	<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.068146 <b>Latitude:</b> 43.1054 <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">3</a>	93 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6T4</b>	ECA	
				<b>Approval No:</b> 8318-4ZUKLX <b>Approval Date:</b> 2001-08-23 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9061 Garner Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5820-4VMJZH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5820-4VMJZH-14.pdf</a>	<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	94 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>	2156-6A4QE5			<b>MOE District:</b> Niagara	
<b>Approval Date:</b>	2005-03-18			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b> -79.068146	
<b>Record Type:</b>	ECA			<b>Latitude:</b> 43.1054	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9061 Garner Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2832-65AKGA-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2832-65AKGA-14.pdf</a>				
<a href="#">3</a>	95 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>	4-0012-88-006			<b>MOE District:</b> Niagara	
<b>Approval Date:</b>	2005-07-18			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b> -79.068146	
<b>Record Type:</b>	ECA			<b>Latitude:</b> 43.1054	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS				
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS				
<b>Address:</b>	9061 Garner Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3385-6CZQX5-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3385-6CZQX5-14.pdf</a>				
<a href="#">3</a>	96 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>	4-0012-88-006			<b>MOE District:</b> Niagara	
<b>Approval Date:</b>	2001-02-01			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS				
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS				
<b>Address:</b>	9061 Garner Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8663-4SNTY7-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8663-4SNTY7-14.pdf</a>				
<a href="#">3</a>	97 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Road Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>	3555-54PLW6			<b>MOE District:</b> Niagara	
<b>Approval Date:</b>	2001-11-22			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b> -79.068146	
<b>Record Type:</b>	ECA			<b>Latitude:</b> 43.1054	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Project Type:</b>		AIR			
<b>Address:</b>		9061 Garner Road			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		https://www.accessenvironment.ene.gov.on.ca/instruments/5425-4YHQ8A-14.pdf			
<a href="#">3</a>	98 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Road Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>		9339-6FSGKB		<b>MOE District:</b>	Niagara
<b>Approval Date:</b>		2005-09-21		<b>City:</b>	
<b>Status:</b>		Revoked and/or Replaced		<b>Longitude:</b>	-79.068146
<b>Record Type:</b>		ECA		<b>Latitude:</b>	43.1054
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>		Niagara Peninsula		<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-AIR			
<b>Project Type:</b>		AIR			
<b>Address:</b>		9061 Garner Road			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		https://www.accessenvironment.ene.gov.on.ca/instruments/9951-6EFSKX-14.pdf			
<a href="#">3</a>	99 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Rd Niagara Falls ON L2E 6T4	ECA
<b>Approval No:</b>		7785-7BAKT7		<b>MOE District:</b>	Niagara
<b>Approval Date:</b>		2008-04-27		<b>City:</b>	
<b>Status:</b>		Revoked and/or Replaced		<b>Longitude:</b>	-79.068146
<b>Record Type:</b>		ECA		<b>Latitude:</b>	43.1054
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>		Niagara Peninsula		<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-AIR			
<b>Project Type:</b>		AIR			
<b>Address:</b>		9061 Garner Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		https://www.accessenvironment.ene.gov.on.ca/instruments/0971-74XP7C-14.pdf			
<a href="#">3</a>	100 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1808501		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>		2015		<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>		No		<b>Co Admin:</b>	Amy Mather
<b>MHSW Facility:</b>		No		<b>Phone No Admin:</b>	905-374-5786 Ext.
<b>SIC Code:</b>		325999			
<b>SIC Description:</b>		ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>			146		
<b>Waste Class Desc:</b>			OTHER SPECIFIED INORGANICS		
<b>Waste Class:</b>			122		
<b>Waste Class Desc:</b>			ALKALINE WASTES - OTHER METALS		
<b>Waste Class:</b>			148		
<b>Waste Class Desc:</b>			INORGANIC LABORATORY CHEMICALS		
<b>Waste Class:</b>			113		
<b>Waste Class Desc:</b>			ACID WASTE - OTHER METALS		
<b>Waste Class:</b>			132		
<b>Waste Class Desc:</b>			NEUTRALIZED WASTES - OTHER METALS		
<b>Waste Class:</b>			252		
<b>Waste Class Desc:</b>			WASTE OILS & LUBRICANTS		
<b>Waste Class:</b>			123		
<b>Waste Class Desc:</b>			ALKALINE PHOSPHATES		
<b>Waste Class:</b>			312		
<b>Waste Class Desc:</b>			PATHOLOGICAL WASTES		
<b>Waste Class:</b>			267		
<b>Waste Class Desc:</b>			ORGANIC ACIDS		
<b>Waste Class:</b>			212		
<b>Waste Class Desc:</b>			ALIPHATIC SOLVENTS		
<b>Waste Class:</b>			233		
<b>Waste Class Desc:</b>			OTHER POLYMERIC WASTES		
<b>Waste Class:</b>			121		
<b>Waste Class Desc:</b>			ALKALINE WASTES - HEAVY METALS		
<b>Waste Class:</b>			133		
<b>Waste Class Desc:</b>			BRINES, CHLOR-ALKALI WASTES		
<b>Waste Class:</b>			268		
<b>Waste Class Desc:</b>			AMINES		
<b>Waste Class:</b>			211		
<b>Waste Class Desc:</b>			AROMATIC SOLVENTS		
<b>Waste Class:</b>			241		
<b>Waste Class Desc:</b>			HALOGENATED SOLVENTS		
<b>Waste Class:</b>			112		
<b>Waste Class Desc:</b>			ACID WASTE - HEAVY METALS		
<b>Waste Class:</b>			242		
<b>Waste Class Desc:</b>			HALOGENATED PESTICIDES		
<b>Waste Class:</b>			232		
<b>Waste Class Desc:</b>			POLYMERIC RESINS		
<b>Waste Class:</b>			213		
<b>Waste Class Desc:</b>			PETROLEUM DISTILLATES		
<b>Waste Class:</b>			222		
<b>Waste Class Desc:</b>			HEAVY FUELS		
<b>Waste Class:</b>			114		
<b>Waste Class Desc:</b>			OTHER INORGANIC ACID WASTES		



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		135			
<b>Waste Class Desc:</b>		REACTIVE ANION WASTES			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCBS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			

<b>3</b>	<b>101 of 131</b>	<b>WSW/7.5</b>	<b>180.0 / 12.45</b>	<b>CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2</b>	<b>GEN</b>
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Amy Mather
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-374-5786 Ext.
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING				

**Detail(s)**

<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	267
<b>Waste Class Desc:</b>	ORGANIC ACIDS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	123
<b>Waste Class Desc:</b>	ALKALINE PHOSPHATES
<b>Waste Class:</b>	114
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES
<b>Waste Class:</b>	242
<b>Waste Class Desc:</b>	HALOGENATED PESTICIDES
<b>Waste Class:</b>	233
<b>Waste Class Desc:</b>	OTHER POLYMERIC WASTES
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	133
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		211			
<b>Waste Class Desc:</b>		AROMATIC SOLVENTS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<b>Waste Class:</b>		132			
<b>Waste Class Desc:</b>		NEUTRALIZED WASTES - OTHER METALS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		121			
<b>Waste Class Desc:</b>		ALKALINE WASTES - HEAVY METALS			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCBS			
<b>Waste Class:</b>		266			
<b>Waste Class Desc:</b>		PHENOLIC WASTES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		135			
<b>Waste Class Desc:</b>		REACTIVE ANION WASTES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			

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WSW/7.5

180.0 / 12.45

CYTEC CANADA INC.  
WELLAND PLANT 9061 GARNER ROAD  
NIAGARA FALLS ON L2E 6S5

GEN

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Generator No:</b>	ON1808501			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Amy Mather
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-374-5786 Ext.
<b>SIC Code:</b>	325999				
<b>SIC Description:</b>	ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT MANUFACTURING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	133				
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES				
<b>Waste Class:</b>	135				
<b>Waste Class Desc:</b>	REACTIVE ANION WASTES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				
<b>Waste Class:</b>	211				
<b>Waste Class Desc:</b>	AROMATIC SOLVENTS				
<b>Waste Class:</b>	233				
<b>Waste Class Desc:</b>	OTHER POLYMERIC WASTES				
<b>Waste Class:</b>	113				
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	123				
<b>Waste Class Desc:</b>	ALKALINE PHOSPHATES				
<b>Waste Class:</b>	232				
<b>Waste Class Desc:</b>	POLYMERIC RESINS				
<b>Waste Class:</b>	114				
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES				
<b>Waste Class:</b>	268				
<b>Waste Class Desc:</b>	AMINES				
<b>Waste Class:</b>	242				
<b>Waste Class Desc:</b>	HALOGENATED PESTICIDES				
<b>Waste Class:</b>	121				

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Waste Class Desc:</i>		ALKALINE WASTES - HEAVY METALS			
<i>Waste Class:</i>		213			
<i>Waste Class Desc:</i>		PETROLEUM DISTILLATES			
<i>Waste Class:</i>		251			
<i>Waste Class Desc:</i>		OIL SKIMMINGS & SLUDGES			
<i>Waste Class:</i>		253			
<i>Waste Class Desc:</i>		EMULSIFIED OILS			
<i>Waste Class:</i>		267			
<i>Waste Class Desc:</i>		ORGANIC ACIDS			
<i>Waste Class:</i>		266			
<i>Waste Class Desc:</i>		PHENOLIC WASTES			
<i>Waste Class:</i>		222			
<i>Waste Class Desc:</i>		HEAVY FUELS			
<i>Waste Class:</i>		312			
<i>Waste Class Desc:</i>		PATHOLOGICAL WASTES			
<i>Waste Class:</i>		241			
<i>Waste Class Desc:</i>		HALOGENATED SOLVENTS			
<i>Waste Class:</i>		243			
<i>Waste Class Desc:</i>		PCBS			
<i>Waste Class:</i>		132			
<i>Waste Class Desc:</i>		NEUTRALIZED WASTES - OTHER METALS			
<i>Waste Class:</i>		331			
<i>Waste Class Desc:</i>		WASTE COMPRESSED GASES			
<i>Waste Class:</i>		148			
<i>Waste Class Desc:</i>		INORGANIC LABORATORY CHEMICALS			

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WSW/7.5

180.0 / 12.45

**CYTEC CANADA INC.  
WELLAND PLANT 9061 GARNER ROAD  
NIAGARA FALLS ON L2H 0Y2**

**GEN**

**Generator No:** ON1808501  
**Status:** Registered  
**Approval Years:** As of Dec 2018  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 132 L  
**Waste Class Desc:** Neutralized solutions - containing other metals

**Waste Class:** 133 L  
**Waste Class Desc:** Brine, chlor-alkali sludges

**Waste Class:** 135 I  
**Waste Class Desc:** Wastes containing other reactive anions

**Waste Class:** 145 L  
**Waste Class Desc:** Wastes from the use of pigments, coatings and paints

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		146 C			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		148 B			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 L			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 R			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		211 B			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		211 I			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		211 L			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		212 B			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		212 C			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		212 H			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		213 L			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		242 C			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		242 I			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b> <b>Waste Class Desc:</b>		242 L Halogenated pesticides and herbicides			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		251 L Waste oils/sludges (petroleum based)			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		251 T Waste oils/sludges (petroleum based)			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 B Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 C Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 I Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 L Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 R Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		267 C Organic acids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		267 L Organic acids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		331 I Waste compressed gases including cylinders			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		112 C Acid solutions - containing heavy metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		113 C Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		121 C Alkaline slutions - containing heavy metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		121 L Alkaline slutions - containing heavy metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			

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WSW/7.5

180.0 / 12.45

**Cytec Canada Inc.**  
9061 Garner Rd  
Niagara Falls ON L2E 6S5

SPL

**Ref No:** 0853-AKEDYN  
**Site No:** L2E 6S5  
**Incident Dt:** 3/13/2017  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 46

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:** 2 - Minor Environment  
**Client Type:** Corporation  
**Sector Type:** Miscellaneous Industrial  
**Agency Involved:**  
**Nearest Watercourse:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Name:</b>	BRINE WATER			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Land; Surface Water			<b>Northing:</b>	4767850
<b>MOE Response:</b>				<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	3/13/2017			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec: Brine Solution Release to Wastewater Lagoons cnted.				
<b>Contaminant Qty:</b>	3175 L				

<a href="#"><u>3</u></a>	105 of 131	WSW/7.5	180.0 / 12.45	<b>CYTEC CANADA INC.</b> 9061 GARNER RD NIAGARA FALLS ON L2H0Y2	<b>PES</b>
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	53741			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	905
<b>Licence Type:</b>	General Vendor			<b>Oper Phone No:</b>	3745786
<b>Licence Type Code:</b>	22			<b>Operator Ext:</b>	
<b>Licence Class:</b>	01			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					

<a href="#"><u>3</u></a>	106 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5	<b>NPRI</b>
<b>NPRI ID:</b>	222			<b>Org ID:</b>	105799
<b>Other ID:</b>				<b>Submit Date:</b>	5/26/2016
<b>No Other ID:</b>				<b>Last Modified:</b>	11/18/2016 8:28:05 AM
<b>Track ID:</b>	138561			<b>Contact ID:</b>	236657
<b>Report ID:</b>	72466			<b>Cont Type:</b>	MEM
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	Amy
<b>Report Year:</b>	2015			<b>Cont Last Name:</b>	Mather
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	Site Manager
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	
<b>Fac ID:</b>	224640			<b>Contact Ph.:</b>	9053745786
<b>Fac Name:</b>	WELLAND PLANT			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745786
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	amy.mather@solvay.com
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>				<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	159			<b>Waste Streams:</b>	
<b>Parent Co.:</b>				<b>No Streams:</b>	
<b>No Parent Co.:</b>				<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>				<b>No Off Sites:</b>	
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>		32			
<b>NAICS 2 Description:</b>		Manufacturing			
<b>NAICS Code (4 digit):</b>		3259			
<b>NAICS 4 Description:</b>		Other chemical product manufacturing			
<b>NAICS Code (6 digit):</b>		325999			
<b>NAICS 6 Description:</b>		All other miscellaneous chemical product manufacturing			
<b><u>Substance Release Report</u></b>					
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		1.62			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		8.26			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.167			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		2			
<b>Category Type Desc:</b>		Storage / Handling			
<b>Category Type Desc (fr):</b>		Rejets de stockage ou manutention			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		VOCg			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.0481			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.528			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.708			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		13.63			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.9986			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.197			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.296			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.0014			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		7			
<b>Category Type Desc:</b>		Direct Discharges			
<b>Category Type Desc (fr):</b>		Évacuation directes			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatD			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		1			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M1			
<b>Basis of Estimate Desc:</b>		M1- Continuous Emission Monitoring - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		1.62			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.197			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.066			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.007			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E2			
<b>Basis of Estimate Desc:</b>		E2- Published Emission Factors - In use from 2003 and onward			
<b>Category Type ID:</b>		4			
<b>Category Type Desc:</b>		Spills			
<b>Category Type Desc (fr):</b>		Déversements			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>					
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		1.62			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		C			
<b>Basis of Estimate Desc:</b>		C- Mass Balance			
<b>Category Type ID:</b>		1			
<b>Category Type Desc:</b>		Stack / Point			
<b>Category Type Desc (fr):</b>		Rejets de cheminée ou ponctuels			
<b>Grouping:</b>		Total Air			
<b>Trans Code:</b>		ASta			
<b>Chem:</b>					
<b>Chem (fr):</b>					
<b>Quantity:</b>		.0004			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
		O- Engineering Estimates			
		Category Type ID: 2			
		Category Type Desc: Storage / Handling			
		Category Type Desc (fr): Rejets de stockage ou manutention			
		Grouping: Total Air			
		Trans Code: VOCg			
		Chem:			
		Chem (fr):			
		Quantity: .001			
		Unit: tonnes			
		Basis of Estimate Cd: O			
		Basis of Estimate Desc: O- Engineering Estimates			
		Category Type ID: 2			
		Category Type Desc: Storage / Handling			
		Category Type Desc (fr): Rejets de stockage ou manutention			
		Grouping: Total Air			
		Trans Code: VOCg			
		Chem:			
		Chem (fr):			
		Quantity: .001			
		Unit: tonnes			
		Basis of Estimate Cd: O			
		Basis of Estimate Desc: O- Engineering Estimates			
		Category Type ID: 2			
		Category Type Desc: Storage / Handling			
		Category Type Desc (fr): Rejets de stockage ou manutention			
		Grouping: Total Air			
		Trans Code: VOCg			
		Chem:			
		Chem (fr):			
		Quantity: .0119			
		Unit: tonnes			
		Basis of Estimate Cd: O			
		Basis of Estimate Desc: O- Engineering Estimates			
		Category Type ID: 1			
		Category Type Desc: Stack / Point			
		Category Type Desc (fr): Rejets de cheminée ou ponctuels			
		Grouping: Total Air			
		Trans Code: ASta			
		Chem:			
		Chem (fr):			
		Quantity: .197			
		Unit: tonnes			
		Basis of Estimate Cd: E2			
		Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward			
		Category Type ID: 1			
		Category Type Desc: Stack / Point			
		Category Type Desc (fr): Rejets de cheminée ou ponctuels			
		Grouping: Total Air			
		Trans Code: ASta			
		Chem:			
		Chem (fr):			
		Quantity: 5.418			
		Unit: tonnes			
		Basis of Estimate Cd: E2			
		Basis of Estimate Desc: E2- Published Emission Factors - In use from 2003 and onward			
<b>3</b>	<b>107 of 131</b>	<b>WSW/7.5</b>	<b>180.0 / 12.45</b>	<b>CYTEC CANADA INC. - WELLAND PLANT 9061 GARNER ROAD NOT AVAILABLE NIAGARA FALLS ON L2E6S5</b>	<b>NPRI</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>NPRI ID:</b>	222			<b>Org ID:</b>	11155
<b>Other ID:</b>				<b>Submit Date:</b>	
<b>No Other ID:</b>				<b>Last Modified:</b>	5/29/2015 3:28:24 PM
<b>Track ID:</b>	695			<b>Contact ID:</b>	75191
<b>Report ID:</b>				<b>Cont Type:</b>	MED
<b>Report Type:</b>	NPRI			<b>Contact Title:</b>	
<b>Rpt Type ID:</b>	1			<b>Cont First Name:</b>	A.
<b>Report Year:</b>	1994			<b>Cont Last Name:</b>	MUELLER
<b>Not-Current Rpt?:</b>	No			<b>Contact Position:</b>	NOT AVAILABLE
<b>Yr of Last Filed Rpt:</b>	2014			<b>Contact Fax:</b>	9053745879
<b>Fac ID:</b>	37029			<b>Contact Ph.:</b>	9053745820
<b>Fac Name:</b>	NOT AVAILABLE			<b>Cont Area Code:</b>	905
<b>Fac Address1:</b>	9061 GARNER ROAD			<b>Contact Tel.:</b>	53745820
<b>Fac Address2:</b>	NOT AVAILABLE			<b>Contact Ext.:</b>	
<b>Fac Postal Zip:</b>	L2E6S5			<b>Cont Fax Area Cde:</b>	905
<b>Facility Lat:</b>	43.0472			<b>Contact Fax:</b>	53745879
<b>Facility Long:</b>	-79.1583			<b>Contact Email:</b>	NOT AVAILABLE
<b>DLS (Last Filed Rpt):</b>				<b>Latitude:</b>	43.0472
<b>Facility DLS:</b>				<b>Longitude:</b>	-79.1583
<b>Datum:</b>	1983			<b>UTM Zone:</b>	
<b>Facility Cmnts:</b>				<b>UTM Northing:</b>	
<b>URL:</b>				<b>UTM Easting:</b>	
<b>No of Empl.:</b>	85			<b>Waste Streams:</b>	
<b>Parent Co.:</b>				<b>No Streams:</b>	
<b>No Parent Co.:</b>				<b>Waste Off Sites:</b>	
<b>Pollut Prev Cmnts:</b>				<b>No Off Sites:</b>	
<b>Stacks:</b>				<b>Shutdown:</b>	
<b>No of Stacks:</b>				<b>No of Shutdown:</b>	
<b>Canadian SIC Code (2 digit):</b>					
<b>Canadian SIC Code:</b>					
<b>SIC Code Description:</b>					
<b>American SIC Code:</b>					
<b>NAICS Code (2 digit):</b>	32				
<b>NAICS 2 Description:</b>	Manufacturing				
<b>NAICS Code (4 digit):</b>	3259				
<b>NAICS 4 Description:</b>	Other chemical product manufacturing				
<b>NAICS Code (6 digit):</b>	325999				
<b>NAICS 6 Description:</b>	All other miscellaneous chemical product manufacturing				

### Substance Release Report

**Category Type ID:** 1  
**Category Type Desc:** Stack / Point  
**Category Type Desc (fr):** Rejets de cheminée ou ponctuels  
**Grouping:** Total Air  
**Trans Code:** ASta  
**Chem:** Ammonia  
**Chem (fr):** Ammoniac  
**Quantity:** .1  
**Unit:** tonnes  
**Basis of Estimate Cd:** E  
**Basis of Estimate Desc:** E- Emission Factor - In use from 1994 to 2002

**Category Type ID:** 13  
**Category Type Desc:** All Media  
**Category Type Desc (fr):** Rejets à tous les médias  
**Grouping:** Total All Media<1t  
**Trans Code:**  
**Chem:** Phosphoric acid  
**Chem (fr):** Acide phosphorique  
**Quantity:** .006  
**Unit:** tonnes  
**Basis of Estimate Cd:** O  
**Basis of Estimate Desc:** O- Engineering Estimates

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Toluene			
<b>Chem (fr):</b>		Toluène			
<b>Quantity:</b>		.013			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		E			
<b>Basis of Estimate Desc:</b>		E- Emission Factor - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Isopropyl alcohol			
<b>Chem (fr):</b>		Alcool iso-propylique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Acetonitrile			
<b>Chem (fr):</b>		Acétonitrile			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Hydrochloric acid			
<b>Chem (fr):</b>		Chlorure d'hydrogène			
<b>Quantity:</b>		.246			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		9			
<b>Category Type Desc:</b>		Leaks			
<b>Category Type Desc (fr):</b>		Fuites			
<b>Grouping:</b>		Total Water			
<b>Trans Code:</b>		WatL			
<b>Chem:</b>		Sulphuric acid			
<b>Chem (fr):</b>		Acide sulfurique			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		O			
<b>Basis of Estimate Desc:</b>		O- Engineering Estimates			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Chem:</b>		Formaldehyde			
<b>Chem (fr):</b>		Formaldéhyde			
<b>Quantity:</b>		.04			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			
<b>Category Type ID:</b>		13			
<b>Category Type Desc:</b>		All Media			
<b>Category Type Desc (fr):</b>		Rejets à tous les médias			
<b>Grouping:</b>		Total All Media<1t			
<b>Trans Code:</b>					
<b>Chem:</b>		Asbestos			
<b>Chem (fr):</b>		Amiante			
<b>Quantity:</b>		0			
<b>Unit:</b>		tonnes			
<b>Basis of Estimate Cd:</b>		M			
<b>Basis of Estimate Desc:</b>		M- Monitoring or Direct Measurement - In use from 1994 to 2002			

<u>3</u>	108 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	0707-ARZLLN			<b>Discharger Report:</b>	
<b>Site No:</b>	8071-4YHQA5			<b>Material Group:</b>	
<b>Incident Dt:</b>	2017/10/10			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Unknown / N/A			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	31			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SMOKE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767414
<b>MOE Response:</b>	No			<b>Easting:</b>	650468
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	Map
<b>MOE Reported Dt:</b>	2017/10/10			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	2017/12/07			<b>SAC Action Class:</b>	Air Spills - Fires
<b>Incident Reason:</b>	Unknown / N/A			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	Solday (formerly Cytec Welland Plant)				
<b>Site County/District:</b>	Regional Municipality Of Niagara				
<b>Site Geo Ref Meth:</b>	1-10 metres eg. Good Quality GPS				
<b>Incident Summary:</b>	Solvay - 5 pounds of phosphorous caught fire, smoke offsite				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>3</u>	109 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	6185-ARSS6F			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2017/10/03			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Inorganic Chemicals
<b>Incident Event:</b>	Other			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2017/10/03			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	2017/10/18			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Power Interruption/Loss			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec/Solvay, flaring P2O5 to atm, due to power loss at plant				
<b>Contaminant Qty:</b>	40 lb				

<u>3</u>	110 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2E 6S5</b>	<b>SPL</b>
<b>Ref No:</b>	2685-APDLMS			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	7/18/2017			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	7/18/2017			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	7/20/2017			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Solvay: on-going flare, P2O5 to atm				
<b>Contaminant Qty:</b>	125 lb				

<u>3</u>	111 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> <b>9061 Garner Rd</b> <b>Niagara Falls ON L2H 0Y2</b>	<b>ECA</b>
<b>Approval No:</b>	1282-AQRMJB			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2017-12-19			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-79.14856
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.078407
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9061 Garner Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/9478-AH4KA9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/9478-AH4KA9-14.pdf</a>				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	112 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	4371-AVVR3U			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/01/26			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Inorganic Chemicals
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	21			<b>Nearest Watercourse:</b>	Welland River
<b>Contaminant Name:</b>	PHOSPHORIC ACID			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	1805			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Surface Water			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2018/02/12			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Watercourse Spills
<b>Incident Reason:</b>	Material Failure - Poor Design/Substandard Material			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec Canada: 2.3 kg phosphoric acid to Thompson's Creek				
<b>Contaminant Qty:</b>	2.3 kg				

<a href="#">3</a>	113 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	2628-ASK9EF			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2017/10/28			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2017/10/28			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	2017/11/24			<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Solvay Canada: flaring due to ruptured disc				
<b>Contaminant Qty:</b>	5 lb				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">3</a>	114 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	4002-AYTANU			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/05/16			<b>Health/Env Conseq:</b>	0 - No Impact
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	31			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SMOKE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2018/05/16			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Power Interruption/Loss			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec Canada: Flaring due to power failure				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">3</a>	115 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	5357-AYFRWG			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/05/04			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	36			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORUS PENTOXIDE			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2018/05/04			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Weather Conditions			<b>Source Type:</b>	Unknown / N/A
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec - Phosphorus Pentoxide to atmphr; on-going				
<b>Contaminant Qty:</b>	40 lb				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>3</u>	116 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1282-B37QEM			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/07/31			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Inorganic Chemicals
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	21			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORIC ACID			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	1805			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2018/07/31			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Unknown / N/A			<b>Source Type:</b>	Structure
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec: ~ 90 L of 45% phosphoric acid to excavated pit from sump.				
<b>Contaminant Qty:</b>	90.8 L				
<u>3</u>	117 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	8027-AZWNTY			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/06/20			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Inorganic Chemicals
<b>Incident Event:</b>	Process Upset/Malfunction			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	28			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHINE (HYDROGEN PHOSPHIDE)			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2018/06/20			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Solvay Canada (Cytec): flare due to leak, cntd				
<b>Contaminant Qty:</b>	315 lb				
<u>3</u>	118 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. Brown Road Landfill 9061 Garner Road Lot 202 Niagara Falls	LIMO



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site County/District:</b>		Regional Municipality of Niagara			
<b>Site Geo Ref Meth:</b>		10-30 metres eg. Medium Quality GPS			
<b>Incident Summary:</b>		Solvay: minor flare, equipment failure			
<b>Contaminant Qty:</b>		0 other - see incident description			
<a href="#"><u>3</u></a>	120 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Road Niagara Falls, ON L2H 0Y2 Canada ON	<b>EBR</b>
<b>EBR Registry No:</b>		013-4998		<b>Decision Posted:</b> July 26, 2019	
<b>Ministry Ref No:</b>		8873-B9AMUJ		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument		<b>Section:</b> Part II.1 (20.3 or 20.5)	
<b>Notice Stage:</b>		Decision		<b>Act 1:</b> Environmental Protection Act, R.S.O. 1990	
<b>Notice Date:</b>				<b>Act 2:</b> Environmental Protection Act	
<b>Proposal Date:</b>		March 29, 2019		<b>Site Location Map:</b> 43.044632,-79.15186	
<b>Year:</b>		2019			
<b>Instrument Type:</b>		Environmental Compliance Approval (sewage) (OWRA s.53)			
<b>Off Instrument Name:</b>		Environmental Compliance Approval (sewage) (OWRA s.53)			
<b>Posted By:</b>		Ministry of the Environment, Conservation and Parks			
<b>Company Name:</b>					
<b>Site Address:</b>		9061 Garner Road Niagara Falls, ON L2H 0Y2 Canada			
<b>Location Other:</b>					
<b>Proponent Name:</b>		Cytec Canada Inc.			
<b>Proponent Address:</b>		9061 Garner Road Niagara Falls, ON L2H 0Y2 Canada			
<b>Comment Period:</b>		March 29, 2019 - May 13, 2019 (45 days) Closed			
<b>URL:</b>		<a href="https://ero.ontario.ca/notice/013-4998">https://ero.ontario.ca/notice/013-4998</a>			
<b>Site Location Details:</b>					
<a href="#"><u>3</u></a>	121 of 131	WSW/7.5	180.0 / 12.45	<b>Welland Plant</b> 9061 Garner Road Niagara Falls ON L2H0Y2	<b>GHG</b>
<b>GHG ID No:</b>		G11129		<b>Public Contact:</b>	
<b>Facility NPRI ID:</b>		222		<b>Pub Cont Phone:</b>	
<b>DUNS No:</b>		249909557		<b>Pub Cont Ext:</b>	
<b>Year:</b>		2017		<b>Pub Cont Email:</b>	
<b>Rprt Comp Legal Nm:</b>		Cytec Canada Inc.		<b>Pub Cont Mail Addr:</b>	
<b>Rprt Comp Trade Nm:</b>				<b>Pub Cont City:</b>	
<b>Rprt Comp Bus No:</b>		136694114		<b>Pub Cont Prov:</b>	
<b>Emission Factors:</b>		Applicable		<b>Pub Cont Postal Cd:</b>	
<b>Engineer Estimates:</b>		Applicable		<b>Latitude:</b> 43.04720	
<b>Mass Balance:</b>		Applicable		<b>Longitude:</b> -79.15830	
<b>GHG Emissions (kt):</b>					
<b>Total Emissions (tonnes CO2e):</b>		13530.1977			
<b>Monitoring or Direct Measure:</b>		Not Applicable / Sans objet			
<b>Facility GHG Data Link:</b>		<a href="https://climate-change.canada.ca/facility-emissions/GHGRP-G11129-2017.html">https://climate-change.canada.ca/facility-emissions/GHGRP-G11129-2017.html</a>			
<b>Public Contact Position:</b>					
<b>NAICS Name:</b>		325999			
<b>NAICS Code (English):</b>		All Other Misc. Chemical Product Mfg.			
<b>NAICS Code (French):</b>		Fab. de tous les autres prod. chimiques divers			
<b>NAICS Data Link:</b>		<a href="http://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&amp;TVD=307532&amp;CVD=307548&amp;CST=01012017&amp;CLV=5&amp;MLV=5&amp;CPV=325999">http://www23.statcan.gc.ca/imdb/p3VD.pl?Function=getVD&amp;TVD=307532&amp;CVD=307548&amp;CST=01012017&amp;CLV=5&amp;MLV=5&amp;CPV=325999</a>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Facility Detail: <http://indicators-map.canada.ca/App/Detail?id=0111129&GoCTemplateCulture=en-CA>

**GHG Emission Details**

CO2 tonnes:	13464.135	HFC-143 t CO2e:	0
CO2 tonnes CO2e:	13464.135	HFC-227ea tonnes:	0
CH4 tonnes:	0.2299	HFC-227ea t CO2e:	0
CH4 tonnes CO2e:	5.7475	HFC-236fa tonnes:	0
N2O tonnes:	0.2024	HFC-236fa t CO2e:	0
N2O tonnes CO2e:	60.3152	HFC-245ca tonnes:	0
HFC-23 tonnes:	0	HFC-245ca t CO2e:	0
HFC-23 tonnes CO2e:	0	HFC Total t Co2e:	0
HFC-32 tonnes:	0	CF4 tonnes:	0
HFC-32 tonnes CO2e:	0	CF4 tonnes CO2e:	0
HFC-125 tonnes:	0	C2F6 tonnes:	0
HFC-125 t CO2e:	0	C2F6 tonnes CO2e:	0
HFC-134a tonnes:	0	C3F8 tonnes:	0
HFC-134a t CO2e:	0	C3F8 tonnes CO2e:	0
HFC-143a tonnes:	0	C4F10 tonnes:	0
HFC-143a ton CO2e:	0	C4F10 tonnes CO2e:	0
HFC-152a tonnes:	0	C4F8 tonnes:	0
HFC-152a ton CO2e:	0	C4F8 tonnes CO2e:	0
HFC-41 tonnes:	0	C5F12 tonnes:	0
HFC-41 tonnes CO2e:	0	C5F12 tonnes CO2e:	0
HFC-43 10mee t:	0	C6F14 tonnes:	0
HFC-43 10mee t CO2:	0	C6F14 tonnes CO2e:	0
HFC-134 tonnes:	0	PFC Total t CO2e:	0
HFC-134 t CO2e:	0	SF6 tonnes:	0
HFC-143 tonnes:	0	SF6 tonnes CO2e:	0

<a href="#">3</a>	122 of 131	WSW/7.5	180.0 / 12.45	CYTEC CANADA INC. WELLAND PLANT 9061 GARNER ROAD NIAGARA FALLS ON L2H 0Y2	GEN
Generator No:	ON1808501	PO Box No:			
Status:	Registered	Country:	Canada		
Approval Years:	As of Oct 2019	Choice of Contact:			
Contam. Facility:		Co Admin:			
MHSW Facility:		Phone No Admin:			
SIC Code:					
SIC Description:					

**Detail(s)**

Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	211 I
Waste Class Desc:	Aromatic solvents and residues
Waste Class:	133 L
Waste Class Desc:	Brine, chlor-alkali sludges
Waste Class:	241 I
Waste Class Desc:	Halogenated solvents and residues
Waste Class:	212 C
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	212 L

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		148 B			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		211 L			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		121 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Class:</b>		113 C			
<b>Waste Class Desc:</b>		Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 R			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		213 L			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		121 L			
<b>Waste Class Desc:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Class:</b>		132 L			
<b>Waste Class Desc:</b>		Neutralized solutions - containing other metals			
<b>Waste Class:</b>		212 H			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		241 C			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		263 R			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		211 B			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		213 I			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		212 B			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		146 L			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		135 I			
<b>Waste Class Desc:</b>		Wastes containing other reactive anions			
<b>Waste Class:</b>		242 I			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		242 L			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		267 L			
<b>Waste Class Desc:</b>		Organic acids			
<b>Waste Class:</b>		267 C			
<b>Waste Class Desc:</b>		Organic acids			
<b>Waste Class:</b>		242 C			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		146 C			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		148 L			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		263 C			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		251 T			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			

**3**

123 of 131

WSW/7.5

180.0 / 12.45

**Cytec Canada Inc.**  
9061 Garner Rd  
Niagara Falls ON L2H 0Y2

**ECA**

**Approval No:** 4-0012-88-006  
**Approval Date:** 2019-07-17  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS

**MOE District:** Niagara  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SWP Area Name:</b> Niagara Peninsula <b>Geometry Y:</b> <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS <b>Address:</b> 9061 Garner Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8873-B9AMUJ-13.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8873-B9AMUJ-13.pdf</a>					

3	124 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b> 5872-BAEDFG <b>Discharger Report:</b> <b>Site No:</b> 4514-8MQKV6 <b>Material Group:</b> <b>Incident Dt:</b> 3/19/2019 <b>Health/Env Conseq:</b> 2 - Minor Environment <b>Year:</b> <b>Client Type:</b> Corporation <b>Incident Cause:</b> <b>Sector Type:</b> <b>Incident Event:</b> Start up/Shut down <b>Agency Involved:</b> <b>Contaminant Code:</b> <b>Nearest Watercourse:</b> <b>Contaminant Name:</b> <b>Site Address:</b> 9061 Garner Rd <b>Contaminant Limit 1:</b> <b>Site District Office:</b> Niagara <b>Contam Limit Freq 1:</b> <b>Site Postal Code:</b> L2E 6S5 <b>Contaminant UN No 1:</b> <b>Site Region:</b> West Central <b>Environment Impact:</b> <b>Site Municipality:</b> Niagara Falls <b>Nature of Impact:</b> <b>Site Lot:</b> <b>Receiving Medium:</b> <b>Site Conc:</b> NA <b>Receiving Env:</b> <b>Northing:</b> 4767850 <b>MOE Response:</b> No <b>Easting:</b> 650175 <b>Dt MOE Arvl on Scn:</b> <b>Site Geo Ref Accu:</b> GIS Software <b>MOE Reported Dt:</b> 3/19/2019 <b>Site Map Datum:</b> NAD83 <b>Dt Document Closed:</b> 3/27/2019 <b>SAC Action Class:</b> Notifications <b>Incident Reason:</b> Maintenance <b>Source Type:</b> <b>Site Name:</b> Cytec Canada Inc. <b>Site County/District:</b> Regional Municipality of Niagara <b>Site Geo Ref Meth:</b> 10-30 metres eg. Medium Quality GPS <b>Incident Summary:</b> Cytec: notification of thermal oxidizer shutdown <b>Contaminant Qty:</b>					

3	125 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b> 1612-BDM4GB <b>Discharger Report:</b> <b>Site No:</b> 4514-8MQKV6 <b>Material Group:</b> <b>Incident Dt:</b> 6/29/2019 <b>Health/Env Conseq:</b> <b>Year:</b> <b>Client Type:</b> Corporation <b>Incident Cause:</b> <b>Sector Type:</b> <b>Incident Event:</b> <b>Agency Involved:</b> <b>Contaminant Code:</b> <b>Nearest Watercourse:</b> <b>Contaminant Name:</b> <b>Site Address:</b> 9061 Garner Rd <b>Contaminant Limit 1:</b> <b>Site District Office:</b> Niagara <b>Contam Limit Freq 1:</b> <b>Site Postal Code:</b> L2E 6S5 <b>Contaminant UN No 1:</b> <b>Site Region:</b> West Central <b>Environment Impact:</b> <b>Site Municipality:</b> Niagara Falls <b>Nature of Impact:</b> <b>Site Lot:</b> <b>Receiving Medium:</b> <b>Site Conc:</b> NA <b>Receiving Env:</b> <b>Northing:</b> 4767850 <b>MOE Response:</b> No <b>Easting:</b> 650175 <b>Dt MOE Arvl on Scn:</b> <b>Site Geo Ref Accu:</b> GIS Software <b>MOE Reported Dt:</b> 6/29/2019 <b>Site Map Datum:</b> NAD83 <b>Dt Document Closed:</b> <b>SAC Action Class:</b> Notifications <b>Incident Reason:</b> <b>Site Name:</b> Cytec Canada Inc. <b>Source Type:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site County/District:</b>		Regional Municipality of Niagara			
<b>Site Geo Ref Meth:</b>		10-30 metres eg. Medium Quality GPS			
<b>Incident Summary:</b>		Cytek: Train 1 Thermal Oxidizer down for maintenance; no emissions			
<b>Contaminant Qty:</b>					
<u>3</u>	126 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	0243-B9RT6H			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	2/26/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment Corporation
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>				<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	2/26/2019			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	6/11/2019			<b>SAC Action Class:</b>	
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Notice of subject waste storage beyond 2 years				
<b>Contaminant Qty:</b>					

<u>3</u>	127 of 131	WSW/7.5	180.0 / 12.45	<b>Cytec Canada Inc.</b> 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1306-BBHRQZ			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	4/23/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment Corporation
<b>Year:</b>				<b>Client Type:</b>	Unknown / N/A
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	21			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORIC ACID			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	1805			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4767850
<b>MOE Response:</b>	Yes			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>	4/25/2019			<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	4/23/2019			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Discharge Point (Stack/Pipe) - Manufacturing
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Summary:</b>		Cytec:~30L phosphoric acid to gravel/sump overflow/neutralized/contained			
<b>Contaminant Qty:</b>		78 L			
<u>3</u>	128 of 131	WSW/7.5	180.0 / 12.45	9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	1422-BAHGRE			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	3/22/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	21			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PHOSPHORIC ACID			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	1805			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	3/22/2019			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Pipeline/Components
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec: phoshoric acid to asphalt/ground				
<b>Contaminant Qty:</b>	0 other - see incident description				

<u>3</u>	129 of 131	WSW/7.5	180.0 / 12.45	Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>	5157-BCGQU5			<b>Discharger Report:</b>	
<b>Site No:</b>	4514-8MQKV6			<b>Material Group:</b>	
<b>Incident Dt:</b>	5/24/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Corporation
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	38			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	REFRIGERANT GAS, N.O.S.			<b>Site Address:</b>	9061 Garner Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6S5
<b>Contaminant UN No 1:</b>	1078			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4767850
<b>MOE Response:</b>	No			<b>Easting:</b>	650175
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	GIS Software
<b>MOE Reported Dt:</b>	5/24/2019			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Tank - Above Ground
<b>Site Name:</b>	Cytec Canada Inc.				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10-30 metres eg. Medium Quality GPS				
<b>Incident Summary:</b>	Cytec 24 lbs of R404A				
<b>Contaminant Qty:</b>	10.8 kg				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<a href="#">3</a>	130 of 131	<b>WSW/7.5</b>	<b>180.0 / 12.45</b>	<b>Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON</b>	<b>NCPL</b>
<p><b>Year:</b> 2018  <b>Site Name:</b> Cytec Canada Inc.  <b>Facility Owner:</b> Cytec Canada Inc.  <b>Discharge Type:</b> Industrial Sewage  <b>Sector:</b> Inorganic Chemicals  <b>District Area:</b> Niagara  <b>Type of Concern:</b> Approval / Permit Non-Compliance  <b>Contaminant:</b> PHOSPHORUS, TOTAL  <b>Status Report:</b></p>					
<b><u>Details</u></b>					
<b>Incident Date:</b>					
<b>Exceedance Start Date:</b> 2018/01/01					
<b>Exceedance End Date:</b> 2018/01/31					
<b>Limit/Unit/Freq:</b> 1mg/L / mon avg					
<b>Quantity Min/Max:</b> 1.29/1.29					
<b>Facility Action:</b> Equipment Modified - Repaired - Replaced or Re-calibrated					
<b>Ministry Action:</b> Environmental Penalty Order Issued					
<b>Incident Date:</b>					
<b>Exceedance Start Date:</b> 2018/04/01					
<b>Exceedance End Date:</b> 2018/04/30					
<b>Limit/Unit/Freq:</b> 1mg/L / mon avg					
<b>Quantity Min/Max:</b> 1.19/1.19					
<b>Facility Action:</b> Equipment Modified - Repaired - Replaced or Re-calibrated					
<b>Ministry Action:</b> Environmental Penalty Order Issued					
<a href="#">3</a>	131 of 131	<b>WSW/7.5</b>	<b>180.0 / 12.45</b>	<b>Cytec Canada Inc. 9061 Garner Rd Niagara Falls ON</b>	<b>NCPL</b>
<p><b>Year:</b> 2018  <b>Site Name:</b> Cytec Canada Inc.  <b>Facility Owner:</b> Cytec Canada Inc.  <b>Discharge Type:</b> Air Emissions  <b>Sector:</b> Inorganic Chemicals  <b>District Area:</b> Niagara  <b>Type of Concern:</b> Legislation Non-Compliance  <b>Contaminant:</b> PHOSPHORIC ACID  <b>Status Report:</b></p>					
<b><u>Details</u></b>					
<b>Incident Date:</b>					
<b>Exceedance Start Date:</b> 2018/06/20					
<b>Exceedance End Date:</b> 2018/06/20					
<b>Limit/Unit/Freq:</b> 7ug/m3 / 24 h avg					
<b>Quantity Min/Max:</b> 7.82/7.82					
<b>Facility Action:</b> Conducting Study					
<b>Ministry Action:</b> Assessment Underway; Director's Order Issued					
<b>Incident Date:</b>					
<b>Exceedance Start Date:</b> 2018/11/04					
<b>Exceedance End Date:</b> 2018/11/05					
<b>Limit/Unit/Freq:</b> 7ug/m3 / 24 h avg					
<b>Quantity Min/Max:</b> 20.63/20.63					
<b>Facility Action:</b> Conducting Study					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Ministry Action:</b>		Assessment Underway; Director's Order Issued			
<b>Incident Date:</b>					
<b>Exceedance Start Date:</b>		2018/11/10			
<b>Exceedance End Date:</b>		2018/11/10			
<b>Limit/Unit/Freq:</b>		7ug/m3 / 24 h avg			
<b>Quantity Min/Max:</b>		15.51/15.51			
<b>Facility Action:</b>		Conducting Study			
<b>Ministry Action:</b>		Assessment Underway; Director's Order Issued			
<u>5</u>	1 of 2	E/41.3	177.3 / 9.78	GROW-RICH INC. 8923 CHIPPAWA CREEK ROAD NIAGARA FALLS CITY ON L2E 6S5	CA
<b>Certificate #:</b>		4-0025-92-			
<b>Application Year:</b>		92			
<b>Issue Date:</b>		6/12/1992			
<b>Approval Type:</b>		Industrial wastewater			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		LEACHATE SPRAY IRRIG.DISP. & TREAT. SYS.			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<u>5</u>	2 of 2	E/41.3	177.3 / 9.78	POWER GROW SYSTEMS INC. 8923 CHIPPAWA CREEK RD RR 2 NIAGARA FALLS ON L2E 6S5	SCT
<b>Established:</b>		1992			
<b>Plant Size (ft²):</b>		60000			
<b>Employment:</b>		6			
<b>--Details--</b>					
<b>Description:</b>		FERTILIZERS, MIXING ONLY			
<b>SIC/NAICS Code:</b>		2875			
<u>7</u>	1 of 4	NE/110.6	175.8 / 8.29	8800 Garner Road Niagara Falls ON L2E 6S5	EHS
<b>Order No:</b>		20010914008		<b>Nearest Intersection:</b> Chippawa Creek Road	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Complete Report		<b>Client Prov/State:</b> VA	
<b>Report Date:</b>		9/25/01		<b>Search Radius (km):</b> 1.00	
<b>Date Received:</b>		9/14/01		<b>X:</b> -79.146765	
<b>Previous Site Name:</b>				<b>Y:</b> 43.048559	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>7</u>	2 of 4	NE/110.6	175.8 / 8.29	Terratec Environmental Ltd. 8800 Garner Rd Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b>		4560-7DYRSZ		<b>Discharger Report:</b>	
<b>Site No:</b>					
<b>Incident Dt:</b>		<b>Material Group:</b>			
		<b>Health/Env Conseq:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Year:</b>  <b>Incident Cause:</b> Other Discharges  <b>Incident Event:</b>  <b>Contaminant Code:</b> 45  <b>Contaminant Name:</b> BIO-SOLIDS (N.O.S.)  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Environment Impact:</b> Not Anticipated  <b>Nature of Impact:</b> Soil Contamination  <b>Receiving Medium:</b>  <b>Receiving Env:</b>  <b>MOE Response:</b> Deferred Field Response  <b>Dt MOE Arvl on Scn:</b> 4/24/2008  <b>MOE Reported Dt:</b> 4/23/2008  <b>Dt Document Closed:</b>  <b>Incident Reason:</b> Error- Operator error  <b>Site Name:</b> 8800 Garner Road, Composting Site  <b>Site County/District:</b>  <b>Site Geo Ref Meth:</b>  <b>Incident Summary:</b> Terratec Env.-biosolids to asphalt, contained  <b>Contaminant Qty:</b> 1 tonnes-lmp</p>					
<a href="#">7</a>	3 of 4	NE/110.6	175.8 / 8.29	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls ON L2E 6S5	GEN
<p><b>Generator No:</b> ON8592432  <b>Status:</b>  <b>Approval Years:</b> 2011  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b> 484222  <b>SIC Description:</b></p>					
<a href="#">7</a>	4 of 4	NE/110.6	175.8 / 8.29	Terratec Environmental Ltd. 8800 Garner Road Niagara Falls ON L2E 6S5	GEN
<p><b>Generator No:</b> ON8592432  <b>Status:</b>  <b>Approval Years:</b> 2012  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b> 484222  <b>SIC Description:</b> Dry Bulk Materials Trucking Local</p>					
<a href="#">9</a>	1 of 30	NE/189.3	175.0 / 7.48	8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	CA
<p><b>Certificate #:</b>  <b>Application Year:</b> 02  <b>Issue Date:</b> 6/18/02  <b>Approval Type:</b> Municipal &amp; Private sewage  <b>Status:</b> Cancelled  <b>Application Type:</b> Notice  <b>Client Name:</b> Corporation of the Regional Municipality of Niagara  <b>Client Address:</b> 2201 St. David's Road, PO Box 1042  <b>Client City:</b> Thorold  <b>Client Postal Code:</b> L2V 4T7  <b>Project Description:</b> Collection of stormwater from the waste (transfer) site to an on-site pond. The project will permit the addition of chemicals (sodium hypochlorite) and Ferric Chloride to the water as well as providing physical mixing. This physical and chemical treatment will reduce the ammonia and phosphorus concentration in the stormwater. Dechlorination</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
with sodium bisulphite will also be done when necessary. The treated stormwater will be discharged to the environment when analysis shows in meets the discharge criteria in Certificate of Approval 3-1639-95-966.					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">9</a>	2 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON	WDS
<b>Approval No:</b>	120215			<b>Total Area (ha):</b> 45.44	
<b>Mob Unit Cert No:</b>				<b>Landfill Cap (m³):</b>	
<b>EBR Registry No:</b>				<b>Transfer Area (ha):</b>	
<b>Status:</b>	Approved			<b>Transfer Cap (m³):</b>	
<b>Facility Type:</b>				<b>Transfer Cert No:</b>	
<b>Record Type:</b>	ECA			<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>	IDS			<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>	WASTE DISPOSAL SITES			<b>Process Area (m³):</b>	
<b>Application Status:</b>				<b>Process Cap (m³/d):</b>	
<b>Issue Date:</b>	2000-10-18			<b>Process Vol (m³):</b>	
<b>Input Date:</b>				<b>Process Feed (m³):</b>	
<b>Date Received:</b>				<b>Site Concession:</b>	
<b>Est Closure Date:</b>				<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>				<b>SWP Area Name:</b>	
<b>Mobile Units:</b>				<b>MOE District:</b>	
<b>Mobile Description:</b>				<b>District Office:</b>	
<b>Prop City:</b>	Thorold			<b>Latitude:</b>	
<b>Prop Postal:</b>	L2V 4T7			<b>Longitude:</b>	
<b>Prop Phone:</b>				<b>Geometry X:</b>	
<b>Serial Link:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE DISPOSAL SITES				
<b>Proponent:</b>	Corporation of the Regional Municipality of Niagara				
<b>Prop Address:</b>	2201 St. David's Road, PO Box 1042				
<b>Proponent County/District:</b>	Regional Municipality of Niagara				
<b>Full Address:</b>	8719 Chippawa Creek Rd				
<b>Site Lot:</b>					
<b>Waste Class Code:</b>					
<b>Waste Class:</b>	Alkaline solutions; sludges and residues containing other metals and non-metals not containing cyanides				
<b>Waste Type:</b>					
<b>Waste Type Other:</b>					
<b>Waste Description:</b>					
<b>Landfill Monitoring:</b>					
<b>Landfill Ctrl Type:</b>					
<b>Site Closing Description:</b>					
<b>Project Description:</b>	This application is for the following: (a) permit plant and processing for stormwater to qualify for direct discharge; (b) permit the use of a belt press at this site to dewater stored biosolids; (c) extend the operating hours at the waste transfer site to 24 hours per day when dewatering; and (d) increase the tonnage permitted to be stored daily from 500 to 1500 wet tons.				
<b>Municipalities Served:</b>	Regional Municipality of Niagara				
<b>Approval Description:</b>					
<b>Other Approvals/Permits:</b>					
<b>PDF URL:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0037-4P5QAH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0037-4P5QAH-14.pdf</a>				

<a href="#">9</a>	3 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		Other Local Municipal and Regional Public Administration			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<a href="#"><u>9</u></a>	4 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		1429-5QZRBP			
<b>Application Year:</b>		2003			
<b>Issue Date:</b>		9/22/2003			
<b>Approval Type:</b>		Municipal and Private Sewage Works			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#"><u>9</u></a>	5 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		2914-6SWPBE			
<b>Application Year:</b>		2006			
<b>Issue Date:</b>		8/28/2006			
<b>Approval Type:</b>		Air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#"><u>9</u></a>	6 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		4332-7B3L3S			
<b>Application Year:</b>		2008			
<b>Issue Date:</b>		1/22/2008			
<b>Approval Type:</b>		Air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	7 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Road, Pt. Lots 205 & 206 Niagara Falls ON	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		5894-5GGUNC 2003 1/31/2003 Municipal and Private Sewage Works Revoked and/or Replaced			
<a href="#">9</a>	8 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Road Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		9004-5SCRGA 2003 10/17/2003 Municipal and Private Sewage Works Approved			
<a href="#">9</a>	9 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON	WDS
<b>Approval No:</b> <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> <b>Facility Type:</b> <b>Record Type:</b> <b>Link Source:</b> <b>Project Type:</b> <b>Application Status:</b> <b>Issue Date:</b> <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b>		A120215  Revoked and/or Replaced  ECA IDS WASTE DISPOSAL SITES  2004-02-19		<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> <b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Approval Type:</b> <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b>		ECA-WASTE DISPOSAL SITES  8719 Chippawa Creek Rd			
		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3282-5VDKPL-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3282-5VDKPL-14.pdf</a>			

<a href="#"><u>9</u></a>	10 of 30	NE/189.3	175.0 / 7.48	<b>The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7</b>	<b>WDS</b>
<b>Approval No:</b> <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> <b>Facility Type:</b> <b>Record Type:</b> <b>Link Source:</b> <b>Project Type:</b> <b>Application Status:</b> <b>Issue Date:</b> <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b>		A120215  Revoked and/or Replaced  ECA IDS WASTE DISPOSAL SITES  2004-10-08  ECA-WASTE DISPOSAL SITES  8719 Chippawa Creek Rd		<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> <b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8145-62XLRf-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8145-62XLRf-14.pdf</a>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	11 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	WDS
<b>Approval No:</b> A120215 <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> Revoked and/or Replaced <b>Facility Type:</b> <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>Project Type:</b> WASTE DISPOSAL SITES <b>Application Status:</b> <b>Issue Date:</b> 2006-07-19 <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> ECA-WASTE DISPOSAL SITES <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> 8719 Chippawa Creek Rd <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7434-6NRK8U-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7434-6NRK8U-14.pdf</a>		<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> <b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			

<a href="#">9</a>	12 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	WDS
<b>Approval No:</b> A120215 <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> Revoked and/or Replaced <b>Facility Type:</b> <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>Project Type:</b> WASTE DISPOSAL SITES <b>Application Status:</b> <b>Issue Date:</b> 2010-08-24 <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b>		<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b>		ECA-WASTE DISPOSAL SITES		<b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
		8719 Chippawa Creek Rd			
				<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7699-82CSPR-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7699-82CSPR-14.pdf</a>	

<a href="#">9</a>	13 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	WDS
<b>Approval No:</b> <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> <b>Facility Type:</b> <b>Record Type:</b> <b>Link Source:</b> <b>Project Type:</b> <b>Application Status:</b> <b>Issue Date:</b> <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b>	A120215	Revoked and/or Replaced	ECA IDS WASTE DISPOSAL SITES	<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> <b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
		ECA-WASTE DISPOSAL SITES			
		8719 Chippawa Creek Rd			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5888-7PKS89-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5888-7PKS89-14.pdf</a>					
<a href="#">9</a>	14 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				
<b>SIC Description:</b>	Other Local Municipal and Regional Public Administration				
<b>Detail(s)</b>					
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<a href="#">9</a>	15 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				
<b>SIC Description:</b>	Other Local Municipal and Regional Public Administration				
<b>Detail(s)</b>					
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<a href="#">9</a>	16 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				
<b>SIC Description:</b>	Other Local Municipal and Regional Public Administration				
<b>Detail(s)</b>					
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<a href="#">9</a>	17 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>NIAGARA FALLS ON L2E 6S5</b>					
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				
<b>SIC Description:</b>	Other Local Municipal and Regional Public Administration				
<b>Detail(s)</b>					
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<u>9</u>	18 of 30	NE/189.3	175.0 / 7.48	<b>REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON</b>	GEN
<b>Generator No:</b>	ON9407435			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	913910				
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<u>9</u>	19 of 30	NE/189.3	175.0 / 7.48	<b>The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON</b>	ECA
<b>Approval No:</b>	9004-5SCRGA			<b>MOE District:</b>	
<b>Approval Date:</b>	2003-10-17			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>	8719 Chippawa Creek Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1758-5SCQMM-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1758-5SCQMM-14.pdf</a>				
<u>9</u>	20 of 30	NE/189.3	175.0 / 7.48	<b>The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6</b>	ECA
<b>Approval No:</b>	1429-5QZRBP			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2003-09-22			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-79.145065
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.048214
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Address:</b>		8719 Chippawa Creek Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7594-5CMJHY-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7594-5CMJHY-14.pdf</a>			
<a href="#"><u>9</u></a>	21 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	ECA
<b>Approval No:</b>		4332-7B3L3S		<b>MOE District:</b>	
<b>Approval Date:</b>		2008-01-22		<b>City:</b>	
<b>Status:</b>		Approved		<b>Longitude:</b>	
<b>Record Type:</b>		ECA		<b>Latitude:</b>	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-AIR			
<b>Project Type:</b>		AIR			
<b>Address:</b>		8719 Chippawa Creek Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0620-78BNJD-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0620-78BNJD-14.pdf</a>			
<a href="#"><u>9</u></a>	22 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	ECA
<b>Approval No:</b>		2914-6SWPBE		<b>MOE District:</b>	
<b>Approval Date:</b>		2006-08-28		<b>City:</b>	
<b>Status:</b>		Approved		<b>Longitude:</b>	
<b>Record Type:</b>		ECA		<b>Latitude:</b>	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-AIR			
<b>Project Type:</b>		AIR			
<b>Address:</b>		8719 Chippawa Creek Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3749-6P6JN2-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3749-6P6JN2-14.pdf</a>			
<a href="#"><u>9</u></a>	23 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4Y6	ECA
<b>Approval No:</b>		5894-5GGUNC		<b>MOE District:</b>	
<b>Approval Date:</b>		2003-01-31		<b>City:</b>	
<b>Status:</b>		Revoked and/or Replaced		<b>Longitude:</b>	
<b>Record Type:</b>		ECA		<b>Latitude:</b>	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Project Type:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Address:</b>		8719 Chippawa Creek Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5327-5FGLX3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5327-5FGLX3-14.pdf</a>			
<a href="#"><u>9</u></a>	24 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON9407435		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b> Canada	
<b>Approval Years:</b>		2016		<b>Choice of Contact:</b> CO_OFFICIAL	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	No No 913910 913910			<b>Co Admin:</b> <b>Phone No Admin:</b>	Pennie Erb 905-734-4777 Ext.5812
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	122 ALKALINE WASTES - OTHER METALS				
<b><u>9</u></b>	<b>25 of 30</b>	<b>NE/189.3</b>	<b>175.0 / 7.48</b>	<b>REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON9407435 No 2015 No No 913910 913910			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada CO_OFFICIAL Pennie Erb 905-734-4777 Ext.5812
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	122 ALKALINE WASTES - OTHER METALS				
<b><u>9</u></b>	<b>26 of 30</b>	<b>NE/189.3</b>	<b>175.0 / 7.48</b>	<b>REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON9407435 No 2014 No No 913910 913910			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada CO_OFFICIAL Pennie Erb 905-734-4777 Ext.5812
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	122 ALKALINE WASTES - OTHER METALS				
<b><u>9</u></b>	<b>27 of 30</b>	<b>NE/189.3</b>	<b>175.0 / 7.48</b>	<b>REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON9407435 Registered As of Dec 2018 No No No 913910			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	122 C Alkaline slutions - containing other metals and non-metals (not cyanide)				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	28 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON L2V 4T7	WDS
<b>Approval No:</b> A120215 <b>Mob Unit Cert No:</b> <b>EBR Registry No:</b> <b>Status:</b> Approved <b>Facility Type:</b> <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>Project Type:</b> WASTE DISPOSAL SITES <b>Application Status:</b> <b>Issue Date:</b> 2018-04-11 <b>Input Date:</b> <b>Date Received:</b> <b>Est Closure Date:</b> <b>Mobile Capacity:</b> <b>Mobile Units:</b> <b>Mobile Description:</b> <b>Prop City:</b> <b>Prop Postal:</b> <b>Prop Phone:</b> <b>Serial Link:</b> <b>Approval Type:</b> ECA-WASTE DISPOSAL SITES <b>Proponent:</b> <b>Prop Address:</b> <b>Proponent County/District:</b> <b>Full Address:</b> 8719 Chippawa Creek Rd <b>Site Lot:</b> <b>Waste Class Code:</b> <b>Waste Class:</b> <b>Waste Type:</b> <b>Waste Type Other:</b> <b>Waste Description:</b> <b>Landfill Monitoring:</b> <b>Landfill Ctrl Type:</b> <b>Site Closing Description:</b> <b>Project Description:</b> <b>Municipalities Served:</b> <b>Approval Description:</b> <b>Other Approvals/Permits:</b> <b>PDF URL:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1527-AQBHT3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1527-AQBHT3-14.pdf</a>		<b>Total Area (ha):</b> <b>Landfill Cap (m³):</b> <b>Transfer Area (ha):</b> <b>Transfer Cap (m³):</b> <b>Transfer Cert No:</b> <b>Inciner. Area (ha):</b> <b>Inciner. Cap (t):</b> <b>Process Area (m³):</b> <b>Process Cap (m³/d):</b> <b>Process Vol (m³):</b> <b>Process Feed (m³):</b> <b>Site Concession:</b> <b>Site Region/County:</b> <b>SWP Area Name:</b> <b>MOE District:</b> <b>District Office:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			

<a href="#">9</a>	29 of 30	NE/189.3	175.0 / 7.48	REGIONAL MUNICIPALITY OF NIAGARA 8719 CHIPPAWA CREEK ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b> ON9407435 <b>Status:</b> Registered <b>Approval Years:</b> As of Oct 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>Detail(s)</b>					
<b>Waste Class:</b> 263 I <b>Waste Class Desc:</b> Misc. waste organic chemicals					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<a href="#">9</a>	30 of 30	NE/189.3	175.0 / 7.48	The Regional Municipality of Niagara 8719 Chippawa Creek Rd Niagara Falls ON	WDS
<b>Approval No:</b>		A120215		<b>Total Area (ha):</b>	
<b>Mob Unit Cert No:</b>				<b>Landfill Cap (m³):</b>	
<b>EBR Registry No:</b>				<b>Transfer Area (ha):</b>	
<b>Status:</b>		Revoked and/or Replaced		<b>Transfer Cap (m³):</b>	
<b>Facility Type:</b>				<b>Transfer Cert No:</b>	
<b>Record Type:</b>		ECA		<b>Inciner. Area (ha):</b>	
<b>Link Source:</b>		IDS		<b>Inciner. Cap (t):</b>	
<b>Project Type:</b>		WASTE DISPOSAL SITES		<b>Process Area (m³):</b>	
<b>Application Status:</b>				<b>Process Cap (m³/d):</b>	
<b>Issue Date:</b>		2003-03-06		<b>Process Vol (m³):</b>	
<b>Input Date:</b>				<b>Process Feed (m³):</b>	
<b>Date Received:</b>				<b>Site Concession:</b>	
<b>Est Closure Date:</b>				<b>Site Region/County:</b>	
<b>Mobile Capacity:</b>				<b>SWP Area Name:</b>	
<b>Mobile Units:</b>				<b>MOE District:</b>	
<b>Mobile Description:</b>				<b>District Office:</b>	
<b>Prop City:</b>				<b>Latitude:</b>	
<b>Prop Postal:</b>				<b>Longitude:</b>	
<b>Prop Phone:</b>				<b>Geometry X:</b>	
<b>Serial Link:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-WASTE DISPOSAL SITES			
<b>Proponent:</b>					
<b>Prop Address:</b>					
<b>Proponent County/District:</b>					
<b>Full Address:</b>		8719 Chippawa Creek Rd			
<b>Site Lot:</b>					
<b>Waste Class Code:</b>					
<b>Waste Class:</b>					
<b>Waste Type:</b>					
<b>Waste Type Other:</b>					
<b>Waste Description:</b>					
<b>Landfill Monitoring:</b>					
<b>Landfill Ctrl Type:</b>					
<b>Site Closing Description:</b>					
<b>Project Description:</b>					
<b>Municipalities Served:</b>					
<b>Approval Description:</b>					
<b>Other Approvals/Permits:</b>					
<b>PDF URL:</b>					
<a href="#">12</a>	1 of 1	WNW/234.9	174.8 / 7.29	ON	AST
<b>OGF ID:</b>		600970660			
<b>Sub Type:</b>		Water Tank			
<b>Sub Type No:</b>		1331			
<b>Location Accuracy:</b>		Within 10 metres			
<b>Sensitivity Class:</b>		Non-Sensitive			
<b>Sensitivity Date:</b>		20070106			
<b>Sensitivity Rationale:</b>		No Restriction Needed			
<b>Verification Flag:</b>		Verified			
<b>Verification Date:</b>		19980508			
<b>Business Effective Dt Flag:</b>		Estimated			
<b>Business Effective Dt:</b>		19980508			
<b>Sys Calcu Area:</b>		241.0			
<b>Sys Calcu Length:</b>		0.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>User Calc Metric:</b>		0.0			
<b>Effective Date/Time:</b>		19980508			

13	1 of 1	SSW/169.3	172.8 / 5.21	W.C. Patterson Gas Co. G.A. Biggar #3	OOGW
<b>Crowland ON</b>					
<b>Licence No:</b>	F014013	<b>Well Compl:</b>	25562		
<b>Well ID:</b>	25925	<b>County:</b>	Welland		
<b>Well Compl ID:</b>	25562	<b>Block:</b>	NULL		
<b>W Class ID:</b>	2362	<b>Lot:</b>	6		
<b>UWI Code:</b>	F014013	<b>Conc:</b>	BFC		
<b>Permit Date:</b>	NULL	<b>Surface Lat NAD83:</b>	43.04058250		
<b>Depth(m):</b>	151.18	<b>Surface Long NAD83:</b>	-79.15034167		
<b>Well Pool:</b>	Welland Pool	<b>Bottom Lat NAD83:</b>	43.04058250		
<b>Completion Date:</b>	NULL	<b>Bottom Long NAD83:</b>	-79.15034167		
<b>Depth Reached:</b>	1948-10-15 00:00:00	<b>Lot Sides (m):</b>	990.00 N		
<b>Capped Date:</b>	NULL	<b>E/W (m):</b>	267.40 E		
<b>Class ID:</b>		<b>Latitude Nad27:</b>			
<b>DB Source:</b>		<b>Longitude Nad27:</b>			
<b>Status as of:</b>	June 2019	<b>bottom lat27:</b>			
<b>Start Date:</b>	1948-09-16 00:00:00	<b>bottom long27:</b>			
<b>SPUD Date:</b>	1948-09-16 00:00:00	<b>Lateral:</b>	No		
<b>Class:</b>	DEV	<b>Accuracy:</b>	50		
<b>Grnd Elev:</b>	175.02	<b>Method:</b>	Well Records (1921 to 1954)		
<b>KB Elev:</b>	175.32	<b>Parent:</b>	NULL		
<b>TVD:</b>	151.18	<b>Prod Top:</b>	134.72		
<b>PBTD:</b>	NULL	<b>Prod Bot:</b>	NULL		
<b>TD Form:</b>	Queenston	<b>PROPD Depth:</b>	152.40		
<b>Workover D:</b>	NULL	<b>Location Method:</b>	Well Records (1921 to 1954)		
<b>Operator:</b>	W. C. Patterson Gas Co. Ltd.	<b>Location Accuracy:</b>	Within 50 metres		
<b>Township:</b>	Crowland	<b>Dt Obtained:</b>	NULL		
<b>Well Name:</b>	W.C. Patterson Gas Co. G.A. Biggar #3				
<b>Target:</b>	CLI				
<b>Target Desc:</b>	TARGETS WITHIN THE CLINTON AND CATARACT (OR MEDINA) GROUPS (WHIRLPOOL TO IRONDEQUOIT FORMATIONS INCLUSIVE)				
<b>Well Status Type:</b>	Natural Gas Well				
<b>Status Type Desc:</b>	A WELL PRESENTLY OR FORMERLY USED TO PRODUCE NATURAL GAS FROM A RESERVOIR				
<b>Well Status Mode:</b>	Unknown				
<b>Status Mode Desc:</b>					
<b>Classification:</b>	DEVELOPMENT				
<b>Classification Desc:</b>	"DEVELOPMENT WELL" MEANS A WELL THAT IS DRILLED FOR THE PURPOSE OF PRODUCING FROM OR EXTENDING A POOL OF OIL OR GAS INTO WHICH ANOTHER WELL HAS ALREADY BEEN DRILLED				
<b>Cement Rec:</b>	NULL				
<b>Comments:</b>	Accuracy is approximate and not verified.				

#### Details

<b>License No:</b>	F014013	<b>Source:</b>	FORM 7
<b>Top (m):</b>	78.03	<b>Static Level (m):</b>	n/a
<b>Elevation (m):</b>	97.29	<b>Geology/Water:</b>	Geology
<b>Geology Formation:</b>	Rochester	<b>Elevation / Top (m):</b>	97.29 / 78.03
<b>Type of Water:</b>	n/a		
<b>License No:</b>	F014013	<b>Source:</b>	MNR
<b>Top (m):</b>	78.03	<b>Static Level (m):</b>	n/a
<b>Elevation (m):</b>	97.29	<b>Geology/Water:</b>	Geology
<b>Geology Formation:</b>	Rochester	<b>Elevation / Top (m):</b>	97.29 / 78.03
<b>Type of Water:</b>	n/a		
<b>License No:</b>	F014013	<b>Source:</b>	n/a
<b>Top (m):</b>	56.69	<b>Static Level (m):</b>	54.25
<b>Elevation (m):</b>	n/a	<b>Geology/Water:</b>	Water

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Geology Formation:</b> <b>Type of Water:</b>	Guelph Sulphur			<b>Elevation / Top (m):</b>	n/a / 56.69
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 96.32 79.00 Irondequoit n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 79.00 / 96.32
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 23.16 n/a Drift Fresh			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	n/a 17.98 Water n/a / 23.16
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 23.77 151.55 F Unit n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 151.55 / 23.77
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 23.80 151.52 Top of Bedrock n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 151.52 / 23.80
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 23.80 151.52 Top of Bedrock n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 151.52 / 23.80
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 122.53 52.79 Cabot Head n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 52.79 / 122.53
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 27.43 147.89 Guelph n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 147.89 / 27.43
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 135.94 39.38 Queenston n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 39.38 / 135.94
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 106.38 68.94 Grimsby n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 68.94 / 106.38
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 129.54 45.78 Whirlpool n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 45.78 / 129.54
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b>	F014013 27.43 147.89			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b>	MNR n/a Geology

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Formation:</b> <b>Type of Water:</b>	Guelph n/a			<b>Elevation / Top (m):</b>	147.89 / 27.43
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 106.38 68.94 Grimsby n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 68.94 / 106.38
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 129.54 45.78 Whirlpool n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 45.78 / 129.54
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 122.53 52.79 Cabot Head n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 52.79 / 122.53
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 27.43 n/a Guelph Fresh			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	n/a 27.43 Water n/a / 27.43
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 23.77 151.55 F Unit n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 151.55 / 23.77
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 96.32 79.00 Irondequoit n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 79.00 / 96.32
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 0.30 175.02 Drift n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	FORM 7 n/a Geology 175.02 / 0.30
<b>License No:</b> <b>Top (m):</b> <b>Elevation (m):</b> <b>Geology Formation:</b> <b>Type of Water:</b>	F014013 135.94 39.38 Queenston n/a			<b>Source:</b> <b>Static Level (m):</b> <b>Geology/Water:</b> <b>Elevation / Top (m):</b>	MNR n/a Geology 39.38 / 135.94

[14](#)

1 of 1

N/38.1

174.7 / 7.16

Garner Road And Brown Road  
Niagara Falls ON

EHS

**Order No:** 20160425145  
**Status:** C  
**Report Type:** Standard Express Report  
**Report Date:** 25-APR-16  
**Date Received:** 25-APR-16  
**Previous Site Name:**  
**Lot/Building Size:** 378450m2  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:** Niagara Falls  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** -79.148179  
**Y:** 43.051224

# Unplottable Summary

Total: **64** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 5	Niagara Falls - Stamford ON	
AAGR		Lot 5	Niagara Falls - Stamford ON	
CA	R.M. OF NIAGARA	GARNER RD. SLUDGE STORAGE FAC.	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	GARNER RD.,BIOSOLIDS STOR.LAG.	NIAGARA FALLS CITY ON	
CA	800460 Ontario Limited	Garner Road West side of Garner Road and North of the CN Rail	Niagara Falls ON	
CA	POWER GROW SYSTEMS INC.	PART LOT 205, STAMFORD	NIAGARA FALLS CITY ON	
CA	VIC PRIESTLY CONTRACTING LTD.	LOT 204, STAMFORD TWP.	NIAGARA FALLS CITY ON	
CA	The Corporation of the City of Niagara Falls	Garner Road	Niagara Falls ON	
CA	800460 Ontario Limited	Garner Road West side of Garner Road and North of the CN Rail	Niagara Falls ON	
CA	POWER GROW SYSTEMS INC.	PT.LOT 205, STAMFORD TWP.	NIAGARA FALLS CITY ON	
CA	800460 Ontario Limited	Garner Road West side of Garner Road and North of the CN Rail	Niagara Falls ON	
CA	800460 Ontario Limited	Garner Road	Niagara Falls ON	
CA	800460 Ontario Limited	Garner Road West side of Garner Road and North of the CN Rail	Niagara Falls ON	
CONV	TERRATEC ENVIRONMENTAL LTD.		ON	
CONV	GROW-RICH INC		NIAGARA FALLS ON	
CONV	TERRATEC ENVIRONMENTAL LTD.		ON	

CONV	TERRATEC ENVIRONMENTAL LTD.		ON	
CONV	Harvey Ambrose	Garner Road	Niagara Falls ON	
EBR	Cytec Canada Inc.	Niagara Falls Lot:Twp. Lot 4 Concession: Stamford Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
EBR	Power Grow Systems Inc.	Part of Lot 205, Formerly in the Township of Stamford, now in the City of Niagara Falls CITY OF NIAGARA FALLS	ON	
EBR	Power Grow Systems Inc.	PT.LOT 205, STAMFORD TWP. CITY OF NIAGARA FALLS	ON	
EBR	Cytec Canada Inc.	GARNER ROAD, NIAGARA FALLS CITY CITY OF NIAGARA FALLS	ON	
ECA	The Corporation of the City of Niagara Falls	Garner Road Right of Way	Niagara Falls ON	L2E 6X5
ECA	CYTEC Canada Inc.		Niagara Falls ON	L2E 6S5
ECA	800460 Ontario Limited	Garner Rd	Niagara Falls ON	L2E 6S5
ECA	Cytec Canada Inc.	-	Niagara Falls ON	L2H 0Y2
ECA	Cytec Canada Inc.	-	Niagara Falls ON	L2E 6S5
EPAR	Cytec Canada Inc.	9061 Garner Road	Niagara ON	
FST	CYTEC CANADA INC WELLAND PLANT	GARNER RD	NIAGARA FALLS ON	L2E 6T4
FST	CYTEC CANADA INC WELLAND PLANT	GARNER RD	NIAGARA FALLS ON	L2E 6T4
FST	CYTEC CANADA INC WELLAND PLANT	GARNER RD	NIAGARA FALLS ON	L2E 6T4
FSTH	CYTEC CANADA INC WELLAND PLANT	GARNER RD	NIAGARA FALLS ON	
FSTH	CYTEC CANADA INC WELLAND PLANT	GARNER RD	NIAGARA FALLS ON	
GEN	CYTEC CANADA INC.	WELLAND PLANT, GARNER ROAD INTERSECTION WITH CHIPPAWA CREEK ROAD	NIAGARA FALLS ON	
LIMO	Mountain Road Landfill The Regional Municipality of Niagara City of Niagara	Falls Part of Lot 6,7,14,15,26 Niagara	ON	
NCPL	CYTEC (formerly (Cytec Canada Inc. & Cyanamid Canada Ltd.)		Niagara Falls ON	
NCPL	Cytec Canada Inc. (formerly Cyanamid Canada Inc.)		Niagara Falls ON	

NCPL	Cytec Canada Inc.		Niagara Falls ON	
NCPL	Cytec Canada Inc.		Niagara Falls ON	
NCPL	Cytec Canada Inc.		Niagara Falls ON	
NCPL	CYTEC CANADA INC. (NIAGARA FALLS)		NIAGARA FALLS ON	
NPCB	CYTEC CANADA INC.	WELLAND PLANT	NIAGARA FALLS ON	
PTTW	Cytec Canada Inc.	Lot 202, geographic Township of Stamford, City of Niagara Falls CITY OF NIAGARA FALLS	ON	
PTTW	Grand Niagara Golf Corporation	Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
PTTW	Grand Niagara Golf Corporation	Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
PTTW	Cytec Canada Inc.	Lot: 202, Concession: Stamford, Geographic Township: STAMFORD, Niagara Falls, City, Regional Municipality of Niagara Niagara Falls	ON	
REC	CYANAMID CANADA INC.	WELLAND PLANT GARNER ROAD	NIAGARA FALLS ON	
SPL	GROW-RICH INC.	IN THE GARNER RD. STORM DRAIN WHICH FLOWS INTO THE WELLAND RIVER NIAGARA FALLS PLANT 8800 GARNER ROAD	NIAGARA FALLS CITY ON	
SPL	POWER GROW SYSTEMS	COMPOSTING PILE FIRE	NIAGARA FALLS CITY ON	
SPL	Cytec Canada Inc.	-	Niagara Falls ON	NA
SPL	Enbridge Energy Distribution Inc.	lot 6	Niagara Falls ON	
SPL	CASCO	GARNER RD. TANK TRUCK (CARGO)	NIAGARA FALLS CITY ON	
SPL	CYTEC Canada Inc.	Garner Rd	Niagara Falls ON	NA
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON	
SRDS	CYTEC CANADA INC., (WELLAND PLANT)		NIAGARA FALLS ON	
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON	
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON	
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON	



SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON
SRDS	CYTEC CANADA INC.		NIAGARA FALLS ON
WWIS		lot 5	ON
WWIS		lot 4	ON

# Unplottable Report

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**Site:** *Lot 5 Niagara Falls - Stamford ON* **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Niagara  
**Township:** Niagara Falls - Stamford  
**Concession:**  
**Lot:** 5  
**Size (ha):** 1.4  
**Landuse:**  
**Comments:** rehabilitated by owner

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**Site:** *Lot 5 Niagara Falls - Stamford ON* **Database:** [AAGR](#)

**Type:** Pit  
**Region/County:** Niagara  
**Township:** Niagara Falls - Stamford  
**Concession:**  
**Lot:** 5  
**Size (ha):** 1.1  
**Landuse:**  
**Comments:** remote site off Bruce Trail; significant natural revegetation occurring

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**Site:** *R.M. OF NIAGARA  
GARNER RD. SLUDGE STORAGE FAC. NIAGARA FALLS CITY ON* **Database:** [CA](#)

**Certificate #:** 3-1639-95-966  
**Application Year:** 95  
**Issue Date:** 7/3/96  
**Approval Type:** Municipal sewage  
**Status:** Received in 1995, Issued in 1996  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *R.M. OF NIAGARA  
GARNER RD.,BIOSOLIDS STOR.LAG. NIAGARA FALLS CITY ON* **Database:** [CA](#)

**Certificate #:** 8-2448-95-966  
**Application Year:** 95  
**Issue Date:** 4/1/96  
**Approval Type:** Industrial air  
**Status:** Received in 1995, Issued in 1996  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** STORAGE OF BIOSOLIDS IN STORAGE LAGOONS

**Contaminants:**  
**Emission Control:**

---

**Site:** 800460 Ontario Limited  
Garner Road West side of Garner Road and North of the CN Rail Niagara Falls ON

**Database:**  
CA

**Certificate #:** 5597-7MCQM5  
**Application Year:** 2008  
**Issue Date:** 12/22/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** POWER GROW SYSTEMS INC.  
PART LOT 205, STAMFORD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 4-0116-96-  
**Application Year:** 96  
**Issue Date:** 1/10/1997  
**Approval Type:** Industrial wastewater  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** ADD THREE WASTEWATER STORAGE LAGOONS  
**Contaminants:**  
**Emission Control:**

---

**Site:** VIC PRIESTLY CONTRACTING LTD.  
LOT 204, STAMFORD TWP. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2163-94-  
**Application Year:** 94  
**Issue Date:** 11/10/1994  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** AIR CURTAIN INCINERATOR/BURNER  
**Contaminants:** Suspended Particulate Matter, Sulphur Dioxide, Nitrogen Oxides  
**Emission Control:** Thermal Incineration

---

**Site:** The Corporation of the City of Niagara Falls  
Garner Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 2143-6VYHV8  
**Application Year:** 2006  
**Issue Date:** 12/1/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** 800460 Ontario Limited  
Garner Road West side of Garner Road and North of the CN Rail Niagara Falls ON

**Database:**  
CA

**Certificate #:** 2388-782KQG  
**Application Year:** 2007  
**Issue Date:** 12/3/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** POWER GROW SYSTEMS INC.  
PT.LOT 205, STAMFORD TWP. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2194-96-  
**Application Year:** 96  
**Issue Date:** 10/31/1996  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** INSTALL IN-GROUND BIOFILTER  
**Contaminants:** Stoddard Solvent, Odour/Fumes  
**Emission Control:** No Controls, Absorp. By Dry Collectors,

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**Site:** 800460 Ontario Limited  
Garner Road West side of Garner Road and North of the CN Rail Niagara Falls ON

**Database:**  
CA

**Certificate #:** 8684-76XP6X  
**Application Year:** 2007  
**Issue Date:** 9/18/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** 800460 Ontario Limited  
Garner Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 7023-6XPSAY  
**Application Year:** 2007  
**Issue Date:** 2/9/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** 800460 Ontario Limited  
Garner Road West side of Garner Road and North of the CN Rail Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6662-7N4RVD  
**Application Year:** 2009  
**Issue Date:** 2/27/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** TERRATEC ENVIRONMENTAL LTD.  
ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:** 98-0000-9002  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** THIS IS THE WEST CENTRAL BRIEF FOR ALL P.O.A. TICKETS.  
**Background:**  
**URL:**

**Location:**  
**Region:** WEST CENTRAL REGION  
**Ministry District:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 186(3)  
**Act/Regulation/Section:** EPA- -186(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 7/17/01  
**Charge Disposition:** SUSPENDED SENTENCE  
**Fine:** \$305.00  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 186(3)  
**Act/Regulation/Section:** EPA- -186(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 8/27/01  
**Charge Disposition:** SUSPENDED SENTENCE  
**Fine:** \$305.00  
**Synopsis:**

**Site:** GROW-RICH INC  
NIAGARA FALLS ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** ALTER, USE OR OPERATE AN EXISTING SEWAGE WORKS NOT IN ACCORDANCE WITH A CERTIFICATE OF APPROVAL.  
**Background:**  
**URL:**

**Location:**  
**Region:**  
**Ministry District:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 53(5)  
**Act/Regulation/Section:** OWRA- -53(5)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 02/06/1995  
**Charge Disposition:**  
**Fine:** \$12000.00  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 53(5)  
**Act/Regulation/Section:** OWRA- -53(5)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 02/06/1995  
**Charge Disposition:**  
**Fine:** \$10000.00  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 27(b)  
**Act/Regulation/Section:** EPA- -27(b)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 02/06/1995  
**Charge Disposition:**  
**Fine:** \$8000.00  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 53(5)  
**Act/Regulation/Section:** OWRA- -53(5)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 02/06/1995  
**Charge Disposition:**  
**Fine:** \$8000.00  
**Synopsis:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 53(1)  
**Act/Regulation/Section:** OWRA- -53(1)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 02/06/1995  
**Charge Disposition:**  
**Fine:** \$12000.00  
**Synopsis:**

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**Site:** TERRATEC ENVIRONMENTAL LTD.  
ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:** 02-0033-0325  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:**  
**Background:**  
**URL:**

**Location:**  
**Region:** WEST CENTRAL REGION  
**Ministry District:** GUELPH

APPLY PROCESSED ORGANIC WASTE WHERE RUNOFF LIKELY AND APPLY BIOSOLIDS RESULTING IN SURFACE RUNOFF

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 186(3)  
**Act/Regulation/Section:** EPA 186(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 2/3/2003  
**Charge Disposition:** FINED  
**Fine:** \$5000  
**Synopsis:**

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**Site:** TERRATEC ENVIRONMENTAL LTD.  
ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:** 98-0000-9002  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:** THIS IS THE WEST CENTRAL BRIEF FOR ALL P.O.A. TICKETS.  
**Background:**  
**URL:**

**Location:**  
**Region:** WEST CENTRAL REGION  
**Ministry District:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** EPA  
**Regulation:**  
**Section:** 186(3)  
**Act/Regulation/Section:** EPA- -186(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 6/1/98  
**Charge Disposition:** SUSPENDED SENTENCE  
**Fine:** \$300.00  
**Synopsis:**

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**Site:** Harvey Ambrose  
Garner Road Niagara Falls ON

**Database:**  
CONV

**File No:**  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:** Corporate Director fined \$12,500 for Failing to comply with a Certificate of Approval  
**Act:** Environmental Protection Act (EPA)  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:** Harvey Ambrose was convicted of one offence under the Environmental Protection Act (EPA), was fined \$12,500 plus a victim fine surcharge of \$3,125 and was given one year to pay the fine.  
**Description:** The conviction relates to failing to comply with the terms and conditions of a Provisional Certificate of Approval (C of A).

**Location:** Welland  
**Region:**  
**Ministry District:**



**Background:**

Harvey Robert Ambrose is listed as the sole director for the company Power Grow Systems Inc., located on Garner Road in Niagara Falls.

The site is governed by a Provisional Certificate of Approval (C of A), which set out conditions for use of the site, including limits to the amount of wood waste that can be on site to a maximum of 1,000 tonnes at any time.

On April 15, 2015 ministry staff executed a routine inspection and estimated that the wood waste was in excess of the tonnage limits. Further information was subsequently provided to the ministry by Power Grow employees which indicated that the amount of wood waste was well in excess of the 1,000 tonne limit in the C of A.

On August 11, 2015, ministry staff returned to the site and learned that there was 4,230 tonnes of wood waste on site, that had accumulated starting on April 8, 2015 and ending on May 26, 2015.

Subsequently, the matter was referred to the Ministry's Investigation and Enforcement Branch. Following an investigation, the defendant was charged.

**URL:**

<https://news.ontario.ca/ene/en/2017/10/corporate-director-fined-12500-for-failing-to-comply-with-a-certificate-of-approval.html>

**Additional Details**

**Publication Date:** October 27, 2017 3:32 P.M.

**Count:**

**Act:**

**Regulation:**

**Section:**

**Act/Regulation/Section:**

**Date of Offence:** during the period beginning on or about April 15, 2015 and ending on or about August 11, 2015

**Date of Conviction:** October 16, 2017

**Date Charged:**

**Charge Disposition:**

**Fine:** \$12,500

**Synopsis:**

**Site:** *Cytec Canada Inc.*

*Niagara Falls Lot:Twp. Lot 4 Concession:Stamford Regional Municipality of Niagara CITY OF NIAGARA FALLS ON*

**Database:**

*EBR*

**EBR Registry No:** 012-4724

**Ministry Ref No:** 6137-9URRJD

**Notice Type:** Instrument Decision

**Notice Stage:** 822919816

**Notice Date:** December 02, 2015

**Proposal Date:** July 23, 2015

**Year:** 2015

**Instrument Type:** (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)

**Off Instrument Name:**

**Posted By:**

**Company Name:** Cytec Canada Inc.

**Site Address:**

**Location Other:**

**Proponent Name:**

**Proponent Address:** 9061 Garner Road, Niagara Falls Ontario, Canada L2E 6S5

**Comment Period:**

**URL:**

**Decision Posted:**

**Exception Posted:**

**Section:**

**Act 1:**

**Act 2:**

**Site Location Map:**

**Site Location Details:**

Niagara Falls Lot:Twp. Lot 4 Concession:Stamford Regional Municipality of Niagara CITY OF NIAGARA FALLS

**Site:** *Power Grow Systems Inc.*

*Part of Lot 205, Formerly in the Township of Stamford, now in the City of Niagara Falls CITY OF NIAGARA FALLS ON*

**Database:**

*EBR*

**EBR Registry No:** IA5E2032

**Ministry Ref No:** A120212

**Notice Type:** Instrument Final Decision

**Decision Posted:**

**Exception Posted:**

**Section:**

**Notice Stage:** 800469284 **Act 1:**  
**Notice Date:** June 18, 1997 **Act 2:**  
**Proposal Date:** October 11, 1995 **Site Location Map:**  
**Year:** 1995  
**Instrument Type:** (EPA s. 27) - Approval for a waste disposal site.  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Power Grow Systems Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:**  
**Comment Period:**  
**URL:**

**Site Location Details:**

Part of Lot 205, Formerly in the Township of Stamford, now in the City of Niagara Falls CITY OF NIAGARA FALLS

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**Site:** **Power Grow Systems Inc.**  
**PT.LOT 205, STAMFORD TWP. CITY OF NIAGARA FALLS ON**

**Database:**  
**EBR**

**EBR Registry No:** IA6E1381 **Decision Posted:**  
**Ministry Ref No:** 8219496 19960903 **Exception Posted:**  
**Notice Type:** Instrument Decision **Section:**  
**Notice Stage:** 800472953 **Act 1:**  
**Notice Date:** November 06, 1996 **Act 2:**  
**Proposal Date:** September 10, 1996 **Site Location Map:**  
**Year:** 1996  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Power Grow Systems Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 8923 Chippawa Creek Road, Niagara Falls Ontario, L3E 6S5  
**Comment Period:**  
**URL:**

**Site Location Details:**

PT.LOT 205, STAMFORD TWP. CITY OF NIAGARA FALLS

---

**Site:** **Cytec Canada Inc.**  
**GARNER ROAD, NIAGARA FALLS CITY CITY OF NIAGARA FALLS ON**

**Database:**  
**EBR**

**EBR Registry No:** IA6E0517 **Decision Posted:**  
**Ministry Ref No:** 4001288RE1 **Exception Posted:**  
**Notice Type:** Instrument Decision **Section:**  
**Notice Stage:** 800476834 **Act 1:**  
**Notice Date:** August 15, 2000 **Act 2:**  
**Proposal Date:** April 15, 1996 **Site Location Map:**  
**Year:** 1996  
**Instrument Type:** (OWRA s. 53(1)) - Approval for sewage works  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Cytec Canada Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** Welland Plant, 9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4  
**Comment Period:**  
**URL:**

**Site Location Details:**

GARNER ROAD, NIAGARA FALLS CITY CITY OF NIAGARA FALLS

---

**Site:** *The Corporation of the City of Niagara Falls  
Garner Road Right of Way Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 2804-AEEH94  
**Approval Date:** 2016-10-07  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Garner Road Right of Way  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3257-AEAKGF-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *CYTEC Canada Inc.  
Niagara Falls ON L2E 6S5*

**Database:**  
[ECA](#)

**Approval No:** 1042-9YMQ43  
**Approval Date:** 2015-11-23  
**Status:** Revoked and/or Replaced  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6137-9URRJD-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *800460 Ontario Limited  
Garner Rd Niagara Falls ON L2E 6S5*

**Database:**  
[ECA](#)

**Approval No:** 4113-6XPUDZ  
**Approval Date:** 2007-01-25  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Garner Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Cytec Canada Inc.  
- Niagara Falls ON L2H 0Y2*

**Database:**  
[ECA](#)

**Approval No:** 1986-BCSHY4  
**Approval Date:** 2019-06-10  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Address:** -  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9697-BAMLEU-14.pdf>

---

**Site:** **Cytec Canada Inc.** **Database:**  
**- Niagara Falls ON L2E 6S5** **ECA**

**Approval No:** 7419-B55HLG **MOE District:**  
**Approval Date:** 2018-10-11 **City:**  
**Status:** Revoked and/or Replaced **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Address:** -  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1875-B52MSF-13.pdf>

---

**Site:** **Cytec Canada Inc.** **Database:**  
**9061 Garner Road Niagara ON** **EPAR**

**Region:** West Central  
**Sector:** Inorganic Chemical

**Environmental Report Details**

**Municipality:** Niagara Falls  
**Tertiary Watershed:** Niagara  
**Order Number:** 196  
**Order Date:** 11/19/2018  
**Order Violation Number:** 1  
**Violation Date:**  
**Report Year:** 2018  
**Reduction to Env Penalty Amt:** 0%  
**Amt Env Penalty per Violation:** 1430  
**Settlement Agreement:** No  
**Env Penalty Order Total:** 2645  
**Env Penalty Order Appealed:**  
**Violation Description:** Violation of monthly average phosphorus concentration limit under Environmental Compliance Approval No. 4-0012-88-006.

**Environmental Report Details**

**Municipality:** Niagara Falls  
**Tertiary Watershed:** Niagara  
**Order Number:** 196  
**Order Date:** 11/19/2018  
**Order Violation Number:** 2  
**Violation Date:**  
**Report Year:** 2018  
**Reduction to Env Penalty Amt:** 0%  
**Amt Env Penalty per Violation:** 1215  
**Settlement Agreement:** No  
**Env Penalty Order Total:**  
**Env Penalty Order Appealed:**  
**Violation Description:** Violation of monthly total phosphorus concentration limit under Environmental Compliance Approval No. 4-0012-88-006.

---

**Site:** **CYTEC CANADA INC WELLAND PLANT** **Database:**  
**GARNER RD NIAGARA FALLS ON L2E 6T4** **FST**

**Instance No:** 10876671

**Cont Name:**  
**Instance Type:** FS Liquid Fuel Tank  
**Fuel Type:** Gasoline  
**Status:** Active  
**Capacity:** 25000  
**Tank Material:** Steel  
**Corrosion Protection:** Impressed Current  
**Tank Type:** Single Wall UST  
**Install Year:** 1986  
**Parent Facility Type:** Fuels Safety Private Fuel Outlet - Self Serve  
**Facility Type:** FS Liquid Fuel Tank

---

**Site:** CYTEC CANADA INC WELLAND PLANT  
GARNER RD NIAGARA FALLS ON L2E 6T4

**Database:**  
FST

**Instance No:** 10876687  
**Cont Name:**  
**Instance Type:** FS Liquid Fuel Tank  
**Fuel Type:** Diesel  
**Status:** Active  
**Capacity:** 10000  
**Tank Material:** Steel  
**Corrosion Protection:** Impressed Current  
**Tank Type:** Single Wall UST  
**Install Year:** 1986  
**Parent Facility Type:** Fuels Safety Private Fuel Outlet - Self Serve  
**Facility Type:** FS Liquid Fuel Tank

---

**Site:** CYTEC CANADA INC WELLAND PLANT  
GARNER RD NIAGARA FALLS ON L2E 6T4

**Database:**  
FST

**Instance No:** 10876654  
**Cont Name:**  
**Instance Type:** FS Liquid Fuel Tank  
**Fuel Type:** Gasoline  
**Status:** Active  
**Capacity:** 25000  
**Tank Material:** Steel  
**Corrosion Protection:** Impressed Current  
**Tank Type:** Single Wall UST  
**Install Year:** 1986  
**Parent Facility Type:** Fuels Safety Private Fuel Outlet - Self Serve  
**Facility Type:** FS Liquid Fuel Tank

---

**Site:** CYTEC CANADA INC WELLAND PLANT  
GARNER RD NIAGARA FALLS ON

**Database:**  
FSTH

**License Issue Date:** 7/4/1994  
**Tank Status:** Licensed  
**Tank Status As Of:** August 2007  
**Operation Type:** Private Fuel Outlet  
**Facility Type:** Gasoline Station - Self Serve

**--Details--**

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**  
**Capacity:** 25000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Gasoline

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**

**Capacity:** 25000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Gasoline

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**  
**Capacity:** 10000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Diesel

---

**Site:** **CYTEC CANADA INC WELLAND PLANT  
GARNER RD NIAGARA FALLS ON**

**Database:**  
**FSTH**

**License Issue Date:** 7/4/1994  
**Tank Status:** Licensed  
**Tank Status As Of:** December 2008  
**Operation Type:** Private Fuel Outlet  
**Facility Type:** Gasoline Station - Self Serve

**--Details--**

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**  
**Capacity:** 25000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Gasoline

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**  
**Capacity:** 25000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Gasoline

**Status:** Active  
**Year of Installation:** 1986  
**Corrosion Protection:**  
**Capacity:** 10000  
**Tank Fuel Type:** Liquid Fuel Single Wall UST - Diesel

---

**Site:** **CYTEC CANADA INC.  
WELLAND PLANT, GARNER ROAD INTERSECTION WITH CHIPPAWA CREEK ROAD NIAGARA FALLS ON**

**Database:**  
**GEN**

**Generator No:** ON1808501  
**Status:**  
**Approval Years:** 93,94,95,96  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 3721  
**SIC Description:** CHEM. FETILIZER IND.

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS

**Waste Class:** 262  
**Waste Class Desc:** DETERGENTS/SOAPS

**Waste Class:** 263  
**Waste Class Desc:** ORGANIC LABORATORY CHEMICALS

**Waste Class:** 266  
**Waste Class Desc:** PHENOLIC WASTES

<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	269
<b>Waste Class Desc:</b>	NON-HALOGENATED PESTICIDES
<b>Waste Class:</b>	312
<b>Waste Class Desc:</b>	PATHOLOGICAL WASTES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	113
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS
<b>Waste Class:</b>	114
<b>Waste Class Desc:</b>	OTHER INORGANIC ACID WASTES
<b>Waste Class:</b>	132
<b>Waste Class Desc:</b>	NEUTRALIZED WASTES - OTHER METALS
<b>Waste Class:</b>	133
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES
<b>Waste Class:</b>	134
<b>Waste Class Desc:</b>	SULPHIDE-CONTAINING WASTES
<b>Waste Class:</b>	135
<b>Waste Class Desc:</b>	REACTIVE ANION WASTES
<b>Waste Class:</b>	121
<b>Waste Class Desc:</b>	ALKALINE WASTES - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	147
<b>Waste Class Desc:</b>	CHEMICAL FERTILIZER WASTES
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	211
<b>Waste Class Desc:</b>	AROMATIC SOLVENTS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	222
<b>Waste Class Desc:</b>	HEAVY FUELS

**Waste Class:** 232  
**Waste Class Desc:** POLYMERIC RESINS

**Waste Class:** 241  
**Waste Class Desc:** HALOGENATED SOLVENTS

**Waste Class:** 242  
**Waste Class Desc:** HALOGENATED PESTICIDES

**Waste Class:** 243  
**Waste Class Desc:** PCB'S

---

**Site:** Mountain Road Landfill The Regional Municipality of Niagara City of Niagara  
Falls Part of Lot 6,7,14,15,26 Niagara ON

**Database:**  
LIMO

**ECA/Instrument No:** A120201  
**Oper Status 2016:** Closed  
**C of A Issue Date:**  
**C of A Issued to:**  
**Lndfl Gas Mgmt (P):**  
**Lndfl Gas Mgmt (F):**  
**Lndfl Gas Mgmt (E):**  
**Lndfl Gas Mgmt Sys:**  
**Landfill Gas Mntr:**  
**Leachate Coll Sys:**  
**ERC Est Vol (m3):**  
**ERC Volume Unit:**  
**ERC Dt Last Det:**  
**Landfill Type:**  
**Source File Type:**  
**Fill Rate:**  
**Fill Rate Unit:**  
**Tot Fill Area (ha):**  
**Tot Site Area (ha):**  
**Footprint:**  
**Tot Apprv Cap (m3):**  
**Contam Atten Zone:**  
**Grndwtr Mntr:**  
**Surf Wtr Mntr:**  
**Air Emis Monitor:**  
**Approved Waste Type:**  
**Client Site Name:**  
**ERC Methodology:**  
**Site Name:** Mountain Road Landfill  
The Regional Municipality of Niagara  
City of Niagara Falls

**Natural Attenuation:**  
**Liners:**  
**Cover Material:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Req Coll Lndfl Gas:**  
**Lndfl Gas Coll:**  
**Total Waste Rec:**  
**TWR Methodology:**  
**TWR Unit:**  
**Tot Apprv Cap Unit:**  
**Financial Assurance:**  
**Last Report Year:**  
**MOE Region:**  
**MOE District:**  
**Site County:**  
**Lot:**  
**Concession:**  
**Latitude:**  
**Longitude:**  
**Easting:**  
**Northing:**  
**UTM Zone:**  
**Data Source:**

**Site Location Details:**  
**Service Area:**  
**Page URL:**

---

**Site:** CYTEC (formerly (Cytec Canada Inc. & Cyanamid Canada Ltd.)  
Niagara Falls ON

**Database:**  
NCPL

**Year:** 1995  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic Chemical  
**District Area:**  
**Type of Concern:** Policy and Guidelines  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded monthly guidelines for total suspended solids six times. Exceedances attributed to stormwater events. Stormwater and process discharge separation commenced in 1996. Company will be implementing a process flow reduction plan and applying Best Management Practice to their stormwater treatment for 1996.



**Site:** *Cytec Canada Inc. (formerly Cyanamid Canada Inc.)  
Niagara Falls ON*

**Database:**  
*NCPL*

**Year:** 1994  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic Chemical Plant  
**District Area:**  
**Type of Concern:** Control Order/Certificate of Approval  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded monthly total suspended solids concentration eight times and monthly phosphorous concentration once. This was attributed to storm water runoff.

---

**Site:** *Cytec Canada Inc.  
Niagara Falls ON*

**Database:**  
*NCPL*

**Year:** 1997  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic  
**District Area:**  
**Type of Concern:** Certificate of Approval  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded the TSS mthly ave limit of 10 mg/L > than plant intake: Month, Value, Limit Feb 31.1 mg/L 14 mg/L Mar 29.7 mg/L 23 mg/L Jun 18.16 mg/L 16 mg/L Nov 14.0 mg/L 13 mg/L Dec 15.5 mg/L 11 mg/L Exceeded daily pH upper limit of 7.5, Month Number of Exceedances -- Jan-5 Mar - 7 Apr - 27 May - 23 Jun - 17 Jul - 12 Aug - 12 Sep - 14 Oct - 11 Nov - 28 Dec - 31 The maximum pH value was 8.2

---

**Site:** *Cytec Canada Inc.  
Niagara Falls ON*

**Database:**  
*NCPL*

**Year:** 1996  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic Chemical  
**District Area:**  
**Type of Concern:** Certificate of Approval  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded monthly average limit for total suspended solids nine times, and the daily

---

**Site:** *Cytec Canada Inc.  
Niagara Falls ON*

**Database:**  
*NCPL*

**Year:** 1998  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic Chemical  
**District Area:**  
**Type of Concern:** Sectoral Regulation/Certificate of Approval  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded the TSS and pH limits

#### Details

**Incident Date:**  
**Exceedance Start Date:**  
**Exceedance End Date:**  
**Limit/Unit/Freq:**  
**Quantity Min/Max:**  
**Facility Action:** Company has initiated an environmental sensitivity study  
**Ministry Action:**

---

**Site:** CYTEC CANADA INC. (NIAGARA FALLS)  
NIAGARA FALLS ON

**Database:**  
NCPL

**Year:** 2000  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Inorganic Chemical  
**District Area:** Niagara  
**Type of Concern:** C of A  
**Contaminant:** pH  
**Status Report:**

**Details**

**Incident Date:**  
**Exceedance Start Date:**  
**Exceedance End Date:**  
**Limit/Unit/Freq:**  
**Quantity Min/Max:**  
**Facility Action:** other  
**Ministry Action:** Assessment complete - no further action required

**Site:** CYTEC CANADA INC.  
WELLAND PLANT NIAGARA FALLS ON

**Database:**  
NPCB

**Company Code:** O0315A  
**Industry:** CHEMICAL MANUFACTURE  
**Site Status:** STORAGE ONLY (NON FEDERAL)  
**Transaction Date:** 7/12/1995  
**Inspection Date:** 9/15/1989

**Site:** Cytec Canada Inc.  
Lot 202, geographic Township of Stamford, City of Niagara Falls CITY OF NIAGARA FALLS ON

**Database:**  
PTTW

<b>EBR Registry No:</b>	IA03E1206	<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	2325-5Q7ND4	<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision	<b>Section:</b>	
<b>Notice Stage:</b>		<b>Act 1:</b>	
<b>Notice Date:</b>	June 22, 2005	<b>Act 2:</b>	
<b>Proposal Date:</b>	August 26, 2003	<b>Site Location Map:</b>	
<b>Year:</b>	2003		
<b>Instrument Type:</b>	(OWRA s. 34) - Permit to Take Water		
<b>Off Instrument Name:</b>			
<b>Posted By:</b>			
<b>Company Name:</b>	Cytec Canada Inc.		
<b>Site Address:</b>			
<b>Location Other:</b>			
<b>Proponent Name:</b>			
<b>Proponent Address:</b>	9061 Garner Road, P.O. Box 240, Niagara Falls Ontario, L2E 6T4		
<b>Comment Period:</b>			
<b>URL:</b>			

**Site Location Details:**

Lot 202, geographic Township of Stamford, City of Niagara Falls CITY OF NIAGARA FALLS

**Site:** Grand Niagara Golf Corporation  
Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON

**Database:**  
PTTW

<b>EBR Registry No:</b>	010-5157	<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	2676-7L9KRG	<b>Exception Posted:</b>	

**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** May 06, 2010  
**Proposal Date:** November 12, 2008  
**Year:** 2008  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS

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**Site:** **Grand Niagara Golf Corporation**  
**Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON**

**Database:**  
**PTTW**

**EBR Registry No:** IA03E0010  
**Ministry Ref No:** 23024331  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** December 18, 2003  
**Proposal Date:** January 02, 2003  
**Year:** 2003  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS

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**Site:** **Cytec Canada Inc.**  
**Lot: 202, Concession: Stamford, Geographic Township: STAMFORD, Niagara Falls, City, Regional Municipality of Niagara Niagara Falls ON**

**Database:**  
**PTTW**

**EBR Registry No:** 012-1984  
**Ministry Ref No:** 1378-9KXJ2F  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** July 05, 2016  
**Proposal Date:** June 17, 2014  
**Year:** 2014  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Cytec Canada Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Proponent Address:** 9061 Garner Road, Niagara Falls Ontario, Canada L2E 6S5  
**Comment Period:**  
**URL:**

**Site Location Details:**

Lot: 202, Concession: Stamford, Geographic Township: STAMFORD, Niagara Falls, City, Regional Municipality of Niagara Niagara Falls

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**Site:** **CYANAMID CANADA INC.**  
**WELLAND PLANT GARNER ROAD NIAGARA FALLS ON**

**Database:**  
**REC**

**Rec Op Div:**  
**Co Admin:**  
**Phone No Admin:**  
**Rec Div:**  
**Rec Op Name:**  
**Choice of Contact:**  
**Site Bldg:**  
**Site PO Box:**  
**Receiver #:** 203-88A224  
**Facility Type:** PCB STORAGE SITE  
**Approval Yrs:** 01,02,03,04,05,06,07,08

**--Details--**

**Waste Code:** 243  
**Waste Description:** PCB'S

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**Site:** **GROW-RICH INC.**  
**IN THE GARNER RD. STORM DRAIN WHICH FLOWS INTO THE WELLAND RIVER NIAGARA FALLS PLANT 8800**  
**GARNER ROAD NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 105763  
**Site No:**  
**Incident Dt:** //  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** WATER

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 9/28/1994  
**Dt Document Closed:**  
**Incident Reason:** STORM/FLOOD/WIND  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** GROW-RICH INC. - WASTE- WATER OVERFLOWED BERM TO STORM DRAIN DUE TO RAIN.  
**Contaminant Qty:**

---

**Site:** **POWER GROW SYSTEMS**  
**COMPOSTING PILE FIRE NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 170271

**Discharger Report:**

**Site No:**  
**Incident Dt:** 7/16/1999  
**Year:**  
**Incident Cause:** OTHER CAUSE (N.O.S.)  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Air Pollution  
**Receiving Medium:** AIR  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/16/1999  
**Dt Document Closed:**  
**Incident Reason:** FIRE/EXPLOSION  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** POWER GROW: PLASTIC FIRE 10 MINUTE F/D ATTENDED RUNOFF CONTAINED FOR DISP  
**Contaminant Qty:**

**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** **Cytec Canada Inc.**  
**- Niagara Falls ON NA**

**Database:**  
**SPL**

**Ref No:** 5275-BAUNZ7  
**Site No:** 3816-9URRHA  
**Incident Dt:** 4/2/2019  
**Year:**  
**Incident Cause:**  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 4/2/2019  
**Dt Document Closed:**  
**Incident Reason:**  
**Site Name:** Decommissioned St. Davids Well Field  
**Site County/District:** Regional Municipality of Niagara  
**Site Geo Ref Meth:** NA  
**Incident Summary:** pH OBJECTIVE exceedance(as noted in 2018 AMR)not reported to Ministry  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:** 1 - Administrative  
**Client Type:** Corporation  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** -  
**Site District Office:** Niagara  
**Site Postal Code:** NA  
**Site Region:** West Central  
**Site Municipality:** Niagara Falls  
**Site Lot:** 4  
**Site Conc:** -  
**Northing:** NA  
**Easting:** NA  
**Site Geo Ref Accu:** NA  
**Site Map Datum:** NA  
**SAC Action Class:**  
**Source Type:**

**Site:** **Enbridge Energy Distribution Inc.**  
**lot 6 Niagara Falls ON**

**Database:**  
**SPL**

**Ref No:** 1485-ABV84U  
**Site No:** NA  
**Incident Dt:** 2016/07/14  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Miscellaneous Communal  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** lot 6  
**Site District Office:**

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Air  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2016/07/15  
**Dt Document Closed:**

**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill

**Incident Reason:** Operator/Human Error  
**Site Name:** Mingle subdivision<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Enbridge - 3" plastic main struck by excavator, safe  
**Contaminant Qty:** 0 other - see incident description

**Source Type:**

---

**Site:** CASCO  
GARNER RD. TANK TRUCK (CARGO) NIAGARA FALLS CITY ON

**Database:**  
SPL

**Ref No:** 45699  
**Site No:**  
**Incident Dt:** 1/15/1991  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/15/1991  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** CASCO: SPENT CARBIDE SLUDGE TO GROUND FROM TRUCK  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

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**Site:** CYTEC Canada Inc.  
Garner Rd Niagara Falls ON NA

**Database:**  
SPL

**Ref No:** 8416-9YFPJX  
**Site No:** 7383-5CAJSD  
**Incident Dt:** 7/15/2015  
**Year:**  
**Incident Cause:**  
**Incident Event:**  
**Contaminant Code:** 36  
**Contaminant Name:** PHOSPHORUS PENTOXIDE  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Miscellaneous Industrial  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** Garner Rd  
**Site District Office:**  
**Site Postal Code:** NA  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:** 4770205  
**Easting:** 650763

<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>	NA
<b>MOE Reported Dt:</b>	7/15/2015	<b>Site Map Datum:</b>	NA
<b>Dt Document Closed:</b>	7/20/2015	<b>SAC Action Class:</b>	Air Spills - Gases and Vapours
<b>Incident Reason:</b>	Equipment Failure	<b>Source Type:</b>	
<b>Site Name:</b>	Garner Road		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>	NA		
<b>Incident Summary:</b>	Niagara - phosphene gas to flare, ongoing		
<b>Contaminant Qty:</b>	0 L		

**Site:** CYTEC CANADA INC. **Database:** SRDS  
**NIAGARA FALLS ON**

<b>Company Code:</b>	0001550102	<b>Sector:</b>	
<b>Works ID:</b>	258	<b>Region:</b>	MOE WEST CENTRAL REGION
<b>SIC:</b>	3722	<b>District:</b>	MOE NIAGARA DISTRICT
<b>SIC1:</b>		<b>UTM Zone:</b>	17
<b>SIC1 Desc:</b>		<b>UTM Easting:</b>	650000
<b>SIC2:</b>		<b>UTM Northing:</b>	4767500
<b>SIC2 Desc:</b>		<b>UTM Precision:</b>	1
<b>SIC3:</b>		<b>Minor Basin:</b>	LAKE ONTARIO
<b>SIC3 Desc:</b>		<b>Major Basin:</b>	GREAT LAKES
<b>Body of Water:</b>	LAKE ONTARIO	<b>Report Year:</b>	2009
<b>Terminal Stream:</b>			
<b>SIC Desc:</b>	MIXED FERTILIZER IND.		
<b>Mailing Address:</b>	P.O. BOX 240 GARNER RD. ,P.O. BOX 240 GARNER RD.,,NIAGARA FALLS,ONTARIO,CANADA,L2E6T4		
<b>Corp Address:</b>	GARNER RD. ,GARNER RD.,P.O. BOX 240,NIAGARA FALLS,ONTARIO,CANADA,L2E6T4		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	
<b>Control Point Id:</b>	0200	<b>Param Reported As:</b>	
<b>Sample Date:</b>		<b>Frequency:</b>	
<b>Regulation:</b>		<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>		<b>Component Type:</b>	
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	COMBINED EFFLUENT		
<b>Parameter Name:</b>			

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	
<b>Sample Date:</b>		<b>Frequency:</b>	
<b>Regulation:</b>		<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>		<b>Component Type:</b>	
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>			

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	
<b>Control Point Id:</b>	0400	<b>Param Reported As:</b>	
<b>Sample Date:</b>		<b>Frequency:</b>	
<b>Regulation:</b>		<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>		<b>Component Type:</b>	
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PROCESS EFFLUENT		
<b>Parameter Name:</b>			

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:**  
**Value:**  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:**

**Result Structure:**  
**Param Reported As:**  
**Frequency:**  
**Sector:** INORGANIC CHEMICALS  
**Component Type:**

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**Site:** CYTEC CANADA INC., (WELLAND PLANT)  
NIAGARA FALLS ON

**Database:**  
SRDS

**Company Code:**  
**Works ID:** 258  
**SIC:** 3722  
**SIC1:** 3722  
**SIC1 Desc:** MIXED FERTILIZER IND.  
**SIC2:**  
**SIC2 Desc:**  
**SIC3:**  
**SIC3 Desc:**  
**Body of Water:**  
**Terminal Stream:**  
**SIC Desc:** MIXED FERTILIZER INDUSTRY  
**Mailing Address:** P.O. BOX 240 GARNER RD., NIAGARA FALLS L2E6T4  
**Corp Address:** P.O. BOX 240 GARNER RD.

**Sector:**  
**Region:** MOE WEST CENTRAL REGION  
**District:** MOE WELLAND DISTRICT  
**UTM Zone:** 17  
**UTM Easting:** 650000  
**UTM Northing:** 4767500  
**UTM Precision:**  
**Minor Basin:** LAKE ONTARIO  
**Major Basin:** GREAT LAKES  
**Report Year:** 1990-1994

**MISA Industrial Wastewater Discharge**

**Company Code:**  
**Control Point Id:** 14  
**Sample Date:**  
**Regulation:**  
**Value:**  
**Unit Of Measure:**  
**Control Point Name:** WATER INTAKE  
**Parameter Name:**

**Result Structure:**  
**Param Reported As:**  
**Frequency:**  
**Sector:** INORGANIC CHEMICALS  
**Component Type:**

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**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:**  
SRDS

**Company Code:** 0001550102  
**Works ID:**  
**SIC:**  
**SIC1:**  
**SIC1 Desc:**  
**SIC2:**  
**SIC2 Desc:**  
**SIC3:**  
**SIC3 Desc:**  
**Body of Water:**  
**Terminal Stream:**  
**SIC Desc:**  
**Mailing Address:**  
**Corp Address:**

**Sector:**  
**Region:**  
**District:**  
**UTM Zone:**  
**UTM Easting:**  
**UTM Northing:**  
**UTM Precision:**  
**Minor Basin:**  
**Major Basin:**  
**Report Year:** 2014

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0.63417  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 7034  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 71.967  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02088  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 256.65  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.6  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 61.151  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 54698.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000835  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00043  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.117

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.0062	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.8533	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0575	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4662	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2535.7	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	46.041	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 332.32  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.8698  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03955  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0512  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0309  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.572	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01188	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1128  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.41472  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.021054  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3643  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000455  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 0.324  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 105.37  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 102  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8948  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 105  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1331  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06084  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.584  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01836  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.77  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.654  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.015232  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000835	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0034342	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.047993	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.68832	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 147.73  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0406  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 335.07  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 7717.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 9230  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.025326  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.014  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.497  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.1966  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 220.11  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0553  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000845  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000051  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0486  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.17  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.1149  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.1741

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.60439  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2922  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0003  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.16758  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02726  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 636.72  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 300.96  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 51303  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.7245  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 34.12  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.42102  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03663  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00065175  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.007	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.412	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01536	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.21808	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.6004  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.88356  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.8637  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 1.47  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4182  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 137.45  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 33.107  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.26503  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 108.61  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 113  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.22018  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 370.84  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.453  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0396  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000575  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00551  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.41925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5123  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.036248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.116  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 78.536  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00462  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 99.503  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 231.71  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.265  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3408  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.777  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4861  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.777  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.44775  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.3418

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.1582	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.0018	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.010323	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.045725	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.3206	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.041722	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS

**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.919  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.7977  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.8925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2014/06  
Regulation: MISA COMPLIANCE  
Value: 1.1036  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/02  
Regulation: MISA COMPLIANCE  
Value: 0.000256  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/02  
Regulation: MISA COMPLIANCE  
Value: 28  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/06  
Regulation: MISA COMPLIANCE  
Value: 0.0026  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/06  
Regulation: MISA COMPLIANCE  
Value: 30  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.061  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000845  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.002856  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 8207  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.0328 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 3.15 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.121 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2014/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.024932 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.08526 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2014/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.11476 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.5253	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.7295	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.53	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.078	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000064  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0822  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000545  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000043  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.889  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 114.26  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0321  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000589  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 111.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 21.822  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.3236  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.19438  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.588  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.004488  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000439  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3708  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 613.02  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2677  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9826  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.39828  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.5764  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.6234

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.5638	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0059215	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3234	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.39165	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 60  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.052  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05251  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.55638  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE

**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00054  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.14456  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0108  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000515  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06966  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.036987	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1152	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7.0154	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0089  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.5606  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5709  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 1.9383 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 183.08 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2014/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 28 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 28 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2014/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.468  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5989  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2151.6  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.189  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 106.29  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2666  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000575  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.020817  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.101  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.036408  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.552  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.439  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4918  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 2.4671  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 443.14  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00004375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.031848  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.045316  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 32.918  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 202  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 319.65  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 34.935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 15954.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 75  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.048418  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.26163

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.0591	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	11209	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2902	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	115	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0508	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		



**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2788	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.024999	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00005338	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.010755	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.19  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.22432  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.026556  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.49248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00051  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03348	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	101	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.051	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04056	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00945	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00392	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00119	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01056	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 14.196 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.00005613 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.19007 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5255 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000545  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01498  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000535  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03993  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0406  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0406  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 18.122  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	57.591	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000435	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	48	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**



**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1194	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.1575	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	48.909	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00003  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 59.081  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 144.94  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.7754  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 46.15  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.287  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4676  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00033  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 143  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000823  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.025415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04104  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS

**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02392  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.07  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000589  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: TOLUENE C7H8

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02275	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0694	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.209	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0414	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

MISA Industrial Wastewater Discharge



**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.028908  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0363  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 19.743  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 9405  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 222.59  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2794  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05472  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0088325  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 37.923  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.6299  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.677  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01127  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6432  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000384  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01008  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.036	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01836	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.42505	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	95	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3632	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11696	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3708	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00068025	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 128  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000455  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5746  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1395  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0714	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6600.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	34.152	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.022  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.0504  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.065408  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.503

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3889	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1714	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0004375	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.0353  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.8717  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000055  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 731  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 93.903  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 57  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06577	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0054	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	156	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 36.458  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2175  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 72  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03969  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 30905  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 11956.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05975  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.509	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1301.6	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00065	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03449	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0248	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.30847	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.781	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000054	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.42968	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5082	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.321	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0261	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.053156	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000439	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.46914  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.0612  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	181.61	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	11.723	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2458	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.534  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02924  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5052  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8176	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	139.23	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3878	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.379  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.225  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2230  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 21.838  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.7126  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN



**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000575  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000048  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 717.33  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 164.68  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.287  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10628	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000435	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	185	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 23.696  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.056304  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.053363 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2014/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2014/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.00108 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2014/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.00056625 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2014/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.000605 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 239  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00081  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 169  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03738  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 113  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05508  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 33  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.20262  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0792  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1208  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	14.328	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4541	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.9394	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00094	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	10.279	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4339	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2829	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000535  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.42525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	29.376	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7198.4	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8474	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.5042	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 128.59  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 26.76  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.76333  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 94.5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.048  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00106  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0196  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000529  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.010636  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0027  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.002178  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0601  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.078  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.018477  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04485  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 57.032  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/11  
Regulation: MISA COMPLIANCE  
Value: 151  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2014/11  
Regulation: MISA COMPLIANCE  
Value: 2  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2014/03  
Regulation: MISA COMPLIANCE  
Value: 4.3413  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2014/03  
Regulation: MISA COMPLIANCE  
Value: 0  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2014/04  
Regulation: MISA COMPLIANCE  
Value: 99271  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 122.13  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.27296  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 72.877  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 1706  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.9825  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5013  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.5701  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.038315	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00666	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.29952	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.258  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1128.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.803  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.8837  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.50828	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	109.89	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.8	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	103	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2688	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000065  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01836  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 109  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/04

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.01751  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04495  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.058284  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.158  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01242  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.48977	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.9938	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0155	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.102  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000305  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2419

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.1194	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	407.01	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5162.1	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.0269	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.132	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.83594	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07014	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 39443  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.006264  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1196  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 104.68  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000033  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.575  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5300.4	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.408	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000525	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000305	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0418	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.055774	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.023279	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 988.96 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0000515 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.000054 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.18393 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2952.8 **Component Type:** AVERAGE  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5.6888 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1623  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 170  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.286  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 98  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Result Structure:** MISA MONTHLY REPORTING

<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0341	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6378.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	16132	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5712	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		



**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.038773	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.027495	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07808	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.428	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4521.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9837	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0288	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 1.6744  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13284  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.8053  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.39004  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000081  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000999  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.18939  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7161  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0062976  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03872  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000714	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	32.9	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.56042	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	796	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.038713	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.215	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	28	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.087  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.52236  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.628  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



Parameter Name: RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000345	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.8056	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.46099	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00005663  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7584  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 14471  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 225  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.081 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 24.764 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.18693 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2014/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5995 **Component Type:** MINIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2014/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.917 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2014/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.2182	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	295.98	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.04	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.013923  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0218  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0007345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0737  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09082  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4408  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0459  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03198  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02806	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	46.617	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2014/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.012	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2014/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.58	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2014/07	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.247  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2014/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0034265  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.477  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 47.96  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.6685  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7147  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5066  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 983.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 32.373  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2014/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

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**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:**  
SRDS

**Company Code:** 0001550102  
**Works ID:**  
**SIC:**  
**SIC1:**  
**SIC1 Desc:**  
**SIC2:**  
**SIC2 Desc:**  
**SIC3:**  
**SIC3 Desc:**  
**Body of Water:**  
**Terminal Stream:**  
**SIC Desc:**  
**Mailing Address:**  
**Corp Address:**

**Sector:**  
**Region:**  
**District:**  
**UTM Zone:**  
**UTM Easting:**  
**UTM Northing:**  
**UTM Precision:**  
**Minor Basin:**  
**Major Basin:**  
**Report Year:** MISA 2017

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 94.32  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 376.75  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.542  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4284 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 3.6108 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5.2265 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.4096 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.366 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.417  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 23384  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 85.815  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 67.814  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 145.58  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000635  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02812  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1241	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.038904	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.77327	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.65862	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.56  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0994  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0973  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0.9438  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.77963  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00083  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.15394  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.27258  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.539  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.163  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.163  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 186  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000093  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00703

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00072875  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 136.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.837  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1488  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000766  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00008975  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000078  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.68848  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7154  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09792  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.087  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 136.23  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: RESIDUE, PARTICULATE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 31  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 1  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 0  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/02  
Regulation: MISA COMPLIANCE  
Value: 0.8274  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CARBON, DISSOLVED ORGANIC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS CARBON  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 201  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.032938  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2608  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 0.01652 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.22378 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.47163 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 186.6 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 155.67 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.2186  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 20.025  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.504  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00159  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000425  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000817  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00069  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 205  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 119  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.145  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6406  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.000995  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03881  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1393  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.277  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000995  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 168.98  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.044608  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06915  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0756  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01608

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.16611	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.17375	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0973	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000715	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	99	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.09511	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07952	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS

**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01204  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.31143  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0059  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00078  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 259  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/03  
Regulation: MISA COMPLIANCE  
Value: 124  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/03  
Regulation: MISA COMPLIANCE  
Value: 0.163  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/09  
Regulation: MISA COMPLIANCE  
Value: 76  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/09  
Regulation: MISA COMPLIANCE  
Value: 0.04181  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/09  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07345	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00795	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 0.0425 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.028445 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS CARBON  
**Sample Date:** 2017/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.7437 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2017/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.001005 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.1206 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 31 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000069  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 227  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7632  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0010588  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00104  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.15403  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000104	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1952	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	64.111	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	170.62	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.476	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10626  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.38394  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.00414  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 7924  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 41.671  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7306  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2917  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 69.888  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 18994  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 22.793  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6477  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08509  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.098164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.27058

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00007288	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	124	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00069625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0008975  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.097155  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.74682  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000595  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 103.77  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00005138  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000425  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



Parameter Name: TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/10  
Regulation: MISA COMPLIANCE  
Value: 5  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/01  
Regulation: MISA COMPLIANCE  
Value: 0.000766  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/01  
Regulation: MISA COMPLIANCE  
Value: 0  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/02  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/03  
Regulation: MISA COMPLIANCE  
Value: 0.000118  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6512  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00074  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 154  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0584  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 6.432 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.000715 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 149 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0000735 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4692  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000685  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 134.4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 170.43  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.24523  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00009088  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00118	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.042766	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.163	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	146	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.552	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.019458	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00006963	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.11844  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.35397  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.08241	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0384	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 204.61  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1806  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1352

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.28287	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	11.523	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.6416	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.6261	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01529	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00069	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	125	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN

<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.081	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	186	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.095744	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07085	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.054	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00051375	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000735	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000081	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.67616  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1116  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000722  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000093  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 164.22  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 11696  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.603  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 314.03  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.069532  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04305	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.174	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.001378	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.005512	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00384  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.449  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00010588  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 30.14  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.538  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	15.007	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000715	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1455	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00081  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6943  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 6  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.032991  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.07138  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01072  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.674  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 183  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1104  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.968  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 229  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.14084  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.37024  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 9083.6  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.548

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.6033	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	19.49	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	189	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6468	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08505  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0147  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON

**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.452  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.425  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 106  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11647  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.038195  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.611  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	24363.5	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	477.28	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.0133  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.563  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4005  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.0817  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 5.885 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.712 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2.0642 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.10973 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.12572	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.042	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.019891	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	164	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7339  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000083  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.9676  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7009  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 163.71  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.15487  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.046478  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**



**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0595	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.175	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0742	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.00143  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.43226  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001135  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.043038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1083  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.1696	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0279	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3747	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2344  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2355  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.9564  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	201.47	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.021	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.65684	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.5715	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00858	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.34127	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.003174  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.012696  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.621  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000735  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/07  
Regulation: MISA COMPLIANCE  
Value: 142.52  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/07  
Regulation: MISA COMPLIANCE  
Value: 31  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/07  
Regulation: MISA COMPLIANCE  
Value: 0.13122  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/07  
Regulation: MISA COMPLIANCE  
Value: 0.042202  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/07  
Regulation: MISA COMPLIANCE  
Value: 31  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.21313  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.864  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.010824  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000722  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 125.81  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 88  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5885.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 3949  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28.2  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 217.19  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.6396  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 56752  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.70574  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2785  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 597.16  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.586  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.12  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0202	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	185.27	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9443	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	16.544	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1772	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.494	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.5097	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.8381	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 418.01  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.3794  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 73.629  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 304.02  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.5704  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	56.752	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.93916	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	414.03	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3544	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 67.393  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.785  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 76004  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 387.62  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.8654  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	22.983	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	189.73	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	44.946	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	20.832	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	53573.4	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	83.896	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN

**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 18.625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.013  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 13499  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 18641.2  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 2024  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 0.58536  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 1.626  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.25306	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.4043	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3807	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1421  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1368.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 203.55  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5639.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.45243  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5773.4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2024  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING



**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 28.274  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.8262  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.090486  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.138  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7226	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3681	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.5288	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.80956	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7448  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.82  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 212.36  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 8941.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.3202  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.298  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3328	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 6106.4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 99.149  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2852  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	22.273	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.4182	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	14.756	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	964.78	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.327	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 26412.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7644  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07065  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN



**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 499.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 111.79  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 5  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 0.68816  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/05  
Regulation: MISA COMPLIANCE  
Value: 972.85  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/06  
Regulation: MISA COMPLIANCE  
Value: 1.4135  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 77.112  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.288  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 2026  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 10.069 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.29477 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.3169 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.63585 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	783.89	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	15.266	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.0562	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.2584	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.052  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.9897  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.593  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.827  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03062	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.12248	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7.5468	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	115	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000072	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.7938	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000735	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0.058  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0026  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0973  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000715  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6223  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.19196  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13944  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.394  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0024938  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.79993	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00152	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05264	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000595	<b>Component Type:</b>	MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6395	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05934	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000817  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 196.37  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07474  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01589  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001135  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8524  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.9114	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.039847	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.08774	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001085	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.2511	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	891.14	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1933.6	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.058143	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS



**Value:** 0.07728 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.11316 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0000685 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.08415 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.087	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000069	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00093	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.24977  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0147  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000615  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.43978  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 46.365  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.4271  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 153.95  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.88  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.687  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.0272	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	70.574	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	90.803	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/04	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.0347 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2017/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.018976 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/05 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.094878 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2017/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1626	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1967	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.063265  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 26.126  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 77.011  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.0356  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

MISA Industrial Wastewater

Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3902	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.1075	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30.576	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.841	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.5404	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	85.107	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.15015	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN

**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06192  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00072  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000074  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.09247	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.43006	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10309	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11154	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0966	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00090875  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000985  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 125  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0197  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000985  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.14352  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.051375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0112  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 154.61  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4994  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0597  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001085  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 187  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 20093  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 2130  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2294  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.79548  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0021648	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000615	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0786	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/08	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0147  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.1992  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0956  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 20.93  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 41.246  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 85308  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 136.49  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 78.284  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2722.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7236  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4767  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.8556  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 38.683  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 6933  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.0025	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3173	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2017/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	41.858	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.0469  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 134.71  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.8848  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7518  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.9984  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.22932  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 46.92  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01413  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE



Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/10  
Regulation: MISA COMPLIANCE  
Value: 5  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/10  
Regulation: MISA COMPLIANCE  
Value: 7.8034  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/11  
Regulation: MISA COMPLIANCE  
Value: 13779  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2017/11  
Regulation: MISA COMPLIANCE  
Value: 4366  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2017/01  
Regulation: MISA COMPLIANCE  
Value: 0.00093  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000635  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.51626  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2017/04  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 35.679  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 58.776  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.487  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2017/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	48.368	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2017/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:**  
SRDS

<b>Company Code:</b>	0001550102	<b>Sector:</b>	
<b>Works ID:</b>		<b>Region:</b>	
<b>SIC:</b>		<b>District:</b>	
<b>SIC1:</b>		<b>UTM Zone:</b>	
<b>SIC1 Desc:</b>		<b>UTM Easting:</b>	
<b>SIC2:</b>		<b>UTM Northing:</b>	
<b>SIC2 Desc:</b>		<b>UTM Precision:</b>	
<b>SIC3:</b>		<b>Minor Basin:</b>	
<b>SIC3 Desc:</b>		<b>Major Basin:</b>	
<b>Body of Water:</b>		<b>Report Year:</b>	2013
<b>Terminal Stream:</b>			
<b>SIC Desc:</b>			
<b>Mailing Address:</b>			
<b>Corp Address:</b>			

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.014901	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02104	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000039  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10508  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.426  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3382  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.018  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.40885  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.030293  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 14003  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0729  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.761  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0598

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.6833	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.34239	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5122	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.423	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	87.484	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7164	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	28	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	122	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.032066	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.60904	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN



**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11066  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0801  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11952  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.092104  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.6492  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 18.454  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3116	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	82.097	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.71679	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	138.84	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.0274	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 8569  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.71415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1908  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4994.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0612  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.12894 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 7.2884 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.01157 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 590.52 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.05014 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.02938 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4137  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4190  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 139.4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00058  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.033818  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1539  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.108  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000105  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.7204  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8017  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1484	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.32825	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000056	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 288.62  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1088.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.024275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00984  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.48251  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0.2262  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000465  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.2405  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01861  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1856  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.33024  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000166  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.698  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1107.2  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.57928  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 24.605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.2722  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 111.4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01794  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.22935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.298  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.414  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9856  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4717  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.003274	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0007704	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.16862	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000835	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02255	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0738  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7392  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.439  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7215  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 149.52  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3252  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4536	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0296	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	74	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	91.032	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11168	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 79  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 71  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.8184  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000705  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 347.8  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 0.000334  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 455.74  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2229  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.44  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00027  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5890  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13273  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.7572  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 148.86  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.1315  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3203  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 86.2  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 95  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00332  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 165.38  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04056  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	127	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.41938	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.023496	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.027972	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00404	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6012  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.090373  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2668  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.39105  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 73  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.243  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.378  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0874  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000148  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.085598  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2886  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0744  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.6117  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4908  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00004138  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.6143  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.752  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE



**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.348	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02788	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.1	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3173	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03319	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00486	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.757	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	167.57	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7901	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	96	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 276.74  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 7096  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7485  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000036  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.9364  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.4336	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	63	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	19593.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 69  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.838  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.25695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.0000485  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 139.08  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.194  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03936  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04092  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.9159	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.117	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.272	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1570.7	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2444  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1423  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0002292  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03898  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.043824  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 205.66  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.3691	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1904	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.0137	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.31393	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.097275	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0825  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02739  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000291  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.27664  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.96974  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 1.5609  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 37.167  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 140.76  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0178  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1016  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 475.31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4187  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02047  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000632  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00004213  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4594  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4796	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	19.634	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.39304	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.62568	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.504	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	18.654	<b>Component Type:</b>	MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	324.48	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000445	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0007  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 144.66  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 536.41  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 226.3  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0009768  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.6202  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.218  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.7373  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 584.09  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 12472  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000445  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000644  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5203  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001222  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 77.9  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 104  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.7361  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5658  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3526  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 4.9359 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.1017 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0024 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.419 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 60.172 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS CARBON  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.3344 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.346	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.22172	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.6685	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.91	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 112  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000041  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 26416.6  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.018  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0010785  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.16166  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4753	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	85.6	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.001218	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.20328	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02756	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0003234  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5440.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 131.96  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6454  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000041  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0128	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4704	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000045	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03989	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00372	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000405	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		



**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3378  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.32  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.6774  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0369  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 124.87  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30.801  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 68  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000891  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000144  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.91952  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.93568

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000979  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00005063  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 112.23  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.022953  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5154  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.976  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 156.64  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.1304  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.287  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 680  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.24994  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 81.839  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2739  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000425  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 36.917  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000041  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.094032  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.84  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.216 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.04284 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.75684 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.7527 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** **Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 13.596 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 165  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30.023  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.36  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 72  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.95873  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00004  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5365  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.047808  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03154  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3105  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 62.633  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.27215	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.8181	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4751	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.006	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2942	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00067475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.3935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.252  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4276  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7309  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.024363  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6552.2  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10964  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.9186  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 37.764  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5514  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.029298	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.15912	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.49	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00415	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000864	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8852  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 113  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0004754  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2278  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 105.68  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 21.228

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000186	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0012	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.7723	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.20028	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04131	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 53.856  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4459  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4280  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9225  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.34878  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 8722.4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0002  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.6451  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.318  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.596  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01207  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000058  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4881  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.68  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000384  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.32689  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 237.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0992  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 100.02  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.39168  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 349.22  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 132.07  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01356	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	42.656	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.008525	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	89	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7051	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0158	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.9715	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	134.36	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	61512	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	169	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	127.78	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	28.122	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.0886	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	98171	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**



**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10498  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.18868  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 458.74  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.42248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04888  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1344  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000048  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.201  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.93783  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0068	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.4855	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.41249	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3075	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000212	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04455	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	50.107	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1556	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.21555	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11984	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	21359	<b>Component Type:</b>	AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0084	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.040818	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	13203	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	181.32	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0231	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.536  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0981  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0744  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.36  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.462  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000043  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000539  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0166  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.8186  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.969  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1316	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01134	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.0187	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN, TOT, KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.3686	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**



<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01002	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000053	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.16497	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2682	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.08784	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 97  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.008075  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.31912  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 100  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0205  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001335  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 142.22  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013

**Result Structure:** MISA MONTHLY REPORTING

<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.5397	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	107.78	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	51816	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03666	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	92.644	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0002305	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.4752	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.017812	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02584	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.474	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.17136	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.009282	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2098	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7441.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.029048  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 25.761  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5464  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1224  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0034  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1995  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000063  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**



<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3615	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	49.086	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.9017	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2268	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.27	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00492	<b>Component Type:</b>	MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.026154	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2632	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.006	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4316	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.91958	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.084	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01748	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0235	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02088	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.3774	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 34358  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02465  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.6118  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1194  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.61512  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0002225  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00592	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	16.71	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.28384	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	11413	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07221	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.019065  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 170.78  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6286  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.053592  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03145  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 87.161  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.6023  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 99.964  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.78  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.333  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.4832  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 23.12  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000405  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.0442  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3736  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013

**Result Structure:** MISA MONTHLY REPORTING



<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00783	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0002735	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.019455	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	370.73	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.605	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	27.335	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.3788  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000045  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6623  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0205  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01848	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02418	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	28	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	114	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.6185	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY

<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.029524	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.656	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02576	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01166	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.42872	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	84.299	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2903	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.4255	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	47.686	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0306	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2808	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 237.94  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00004163  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00072  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00007675  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5543  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 101

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03333	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.352	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03036	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01512	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.9845	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01992	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00438	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02848	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.484	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.72	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2013	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE



**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 169.38  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00037  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 20.616  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.65  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.504  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2013  
Control Point Id: 1700  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 62.186  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2013  
Control Point Id: 1600  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 0.035905  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2013  
Control Point Id: 1600  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 0.0010378  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2013  
Control Point Id: 1700  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 1.4838  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2013  
Control Point Id: 1700  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 4692  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1896  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 79.6  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.51  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5246  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 1.8972  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 107.65  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2013  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.66507  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:**  
SRDS

**Company Code:** 0001550102  
**Works ID:**  
**SIC:**  
**SIC1:**  
**SIC1 Desc:**  
**SIC2:**  
**SIC2 Desc:**  
**SIC3:**  
**SIC3 Desc:**  
**Body of Water:**  
**Terminal Stream:**  
**SIC Desc:**  
**Mailing Address:**  
**Corp Address:**

**Sector:**  
**Region:**  
**District:**  
**UTM Zone:**  
**UTM Easting:**  
**UTM Northing:**  
**UTM Precision:**  
**Minor Basin:**  
**Major Basin:**  
**Report Year:** 2012

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 26.22  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 1.4584  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 35.016  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.3476  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.41288  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 82855  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13028  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1009.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0885  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.6828  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0279	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1545	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02666	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.65791	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00465	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.343	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.091	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.4e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		



**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.30075	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	68.625	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.85e-005	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.8e-005	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4382	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N

<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0033132	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3576	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.23136	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1777	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.020885	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4536	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2012  
Control Point Id: 1700  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 937  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPL  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2012  
Control Point Id: 1700  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 0.68401  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS N  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2012  
Control Point Id: 1600  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 0.37273  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CARBON, DISSOLVED ORGANIC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS C  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2012  
Control Point Id: 1600  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 82.71  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPL  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102-2012  
Control Point Id: 1600  
Sample Date:  
Regulation: MISA COMPLIANCE  
Value: 0.00212  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS N  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.34998  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 52.7  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.20448  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0812  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.4665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.42917 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPL  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.187 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 17.121 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS P  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.015439 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.15624 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 24.975 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 54.633  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0053525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.118  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5803  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5828  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.46  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.536  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 69  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000138  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3921  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000396  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.26552  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 169  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01022  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.021759  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**



**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.087076  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.66877  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.071  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.9e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1459  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00944  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7241  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.35e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 61.313  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 784.64  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1184  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.6705  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.6207	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.3e-005	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.8e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.281	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.2855	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2663	<b>Component Type:</b>	AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0234  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1484.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.62816  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2448  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.399  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1879  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.069548  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0805  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02108  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0256  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0118  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.399  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5124  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00765  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	98	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.016178	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0059542	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.12254	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	20.472	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 110  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4028  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00558  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3534  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3717  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 3.0926  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1677  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 21.542  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001316  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 20  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.38538  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1528	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0287	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00702	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0005995	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	122.39	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.35606	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	84	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2107	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00282	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.060568	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4692	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0525	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4548	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.023215	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.1e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00079	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 92  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4122  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000747  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.009  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 99.203  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 160.67  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.146  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08096  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.21969  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1882.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.68639  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03956	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	45960	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	59.007	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0023	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.97e-005	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**



<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.76829	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6864	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.52524	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.17468	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5378.8	<b>Component Type:</b>	AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1184  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000416  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0013  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.5e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.20472  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.033  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.793  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.0077  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 134.69  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8529  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.015573  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00711  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	21.933	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01386	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.016763	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.73474	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02125	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0093	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.96	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00255	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3577	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.4e-005	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 3.013e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.44356  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.023873  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7414  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.468  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4794  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.95312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3276  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012

**Result Structure:** MISA MONTHLY REPORTING



**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 58  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0288  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.70148  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0839  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00621  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0045275  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4131	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000142	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000425	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	63	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03519	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.638e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 96  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09152  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.273  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 5.975  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9232  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.021  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1795.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3354  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 243.51  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 114  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0511  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0008142  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2161  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00207	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00546	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.0563	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0034	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00704	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2112	<b>Component Type:</b>	MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.61657	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31.252	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	16.488	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.8e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02905	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN, TOT, KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7.2877	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03134	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0288	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	86.333	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.4702	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N



**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04752  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1144  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.214  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.9e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.14203  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.775e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	64.865	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	15.719	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.2651	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.7503	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.65e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.0264  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 132.93  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1073  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.3022 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS P  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 31 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.16 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPL  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2.1e-005 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPL  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1706 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPL  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6515  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.539  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00093  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4045  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4557  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000279  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 70  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01536  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.027038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04214  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	89.053	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0077	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN, TOT, KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	95.103	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	101.57	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00568	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000994  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.053  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03168  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06064  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00284  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 71.548  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.37675  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1598  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 23.269  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.5495  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.9051  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	13.23	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.67874	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.2441	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	24.975	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000235	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 94.032  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 111  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1237  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.65e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.4e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.1e-005

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3458.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00335  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 60.864  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 50  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0385  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 107  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 33.464  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01956  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02112  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2028  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02256  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03471  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00074375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2791  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.029688  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 96.474  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.031924	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01631	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3709.4	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3184  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 22931.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5334  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.386  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 23.82 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS P  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 6.0145 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS P  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.37888 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0105 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2.5245 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS N  
**Sample Date:** **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.0361 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00017525  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.425  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3623  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.070338  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012

**Result Structure:** MISA MONTHLY REPORTING

<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.024333	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.345	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.15e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.23115	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	29	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04595	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.79129	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000729	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00053025	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.13161	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 55  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0217  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.05e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0051724  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0126  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY

<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.76692	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	59.446	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.1816	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.56889	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04185	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	11.422	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.47515	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.2433	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.5799	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.398	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HCN
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00037725	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 37.08  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0782  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.26945  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09393  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.48234  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4081

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 77.806  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 42.672  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1581  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.083  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0156  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11954	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.1253	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01716	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	304.7	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	34.136	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4325.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3636  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.862  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.67864	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	10.166	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.99	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0652	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.76e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 84.044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.43491  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 7e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1785  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.007811  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.1892  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03346	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.425e-005	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	80	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.3e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	117.22	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00249	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.606	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	70.467	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	16878.4	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3337	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			



**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00352	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1736	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.13623	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.29525	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 36.754  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.08  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.152  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.4687  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5358  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.000103  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000321  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0856  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.61144  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.126  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 68.581  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10246  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.73826  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.418  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.034142  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.005548  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.35694  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 95.548  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 152  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8284  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0006442

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 56  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.96012  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0004084  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7591  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1471  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03502	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.99155	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1374	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06929	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	145097	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05658  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.2097  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0474  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.021542  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1588  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 13300  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.9056	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05841	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.557	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.68713	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.76224	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 345.8  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 240.05  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 22.049  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4498  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 1.7603  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.354  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.22275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.033825  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5945  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4017	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4524	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.006645	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.41218	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0008136  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.32445  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09588  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3692  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.222	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	227.85	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4e-005	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.28493	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0717	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01001	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.192	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	59.904	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.113	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.29047	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 1.4904  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3240  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.28116  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.033378  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5456  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000252  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0003605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3784  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1045  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.8829  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 187.52  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 9.3634  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 213.25  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.238e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 557  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.19495  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.075e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2982.8  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.736  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 816.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.019078  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 68.196  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.7e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.028375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03172  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13548  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 88.067  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.47  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.805  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0355  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01152	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.23305	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01283	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02756	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00847	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 73  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00042  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1664  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 93.96  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.2  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.174  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.58874  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000546  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 107.37  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04324  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.12398  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.75e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 79.267  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0057  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.78336  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 44.064  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.022751  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.34124	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS C
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.231	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.068544	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.6e-005	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.085	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.188  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.641  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0007775  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00189  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 82  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 279  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 78047  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 52.414  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1786.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.45e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0026	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	239	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4794	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	280.67	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	412.66	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.997  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.89559  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03698  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8384  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.565  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00034

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPL
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4596	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04234	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.73188	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.50092	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03276	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.12072  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.016096  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS P  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.144  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS C  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.89  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.176  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL

**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000504  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HCN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.32271  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 2667  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.45657  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.37098  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.98679	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	149.45	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.071053	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS N
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.7447	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102-2012	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS P
<b>Sample Date:</b>		<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03306	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8676  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS N  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102-2012  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.6e-005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPL  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

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**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:**  
SRDS

**Company Code:** 0001550102  
**Works ID:** 258  
**SIC:** 3722  
**SIC1:**  
**SIC1 Desc:**  
**SIC2:**  
**SIC2 Desc:**  
**SIC3:**  
**SIC3 Desc:**  
**Body of Water:**  
**Terminal Stream:**  
**SIC Desc:** MIXED FERTILIZER IND.  
**Mailing Address:** P.O. BOX 240 GARNER RD. ,P.O. BOX 240 GARNER RD.,,NIAGARA FALLS,ONTARIO,CANADA,L2E6T4  
**Corp Address:** GARNER RD. ,GARNER RD.,P.O. BOX 240,NIAGARA FALLS,ONTARIO,CANADA,L2E6T4

**Sector:**  
**Region:** MOE WEST CENTRAL REGION  
**District:** MOE WELLAND DISTRICT  
**UTM Zone:**  
**UTM Easting:**  
**UTM Northing:**  
**UTM Precision:**  
**Minor Basin:** LAKE ONTARIO  
**Major Basin:** GREAT LAKES  
**Report Year:** 2010

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:**  
**Regulation:**  
**Value:**  
**Unit Of Measure:**  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:**

**Result Structure:**  
**Param Reported As:**  
**Frequency:**  
**Sector:** INORGANIC CHEMICALS  
**Component Type:**

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:**  
**Regulation:**  
**Value:**  
**Unit Of Measure:**  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:**

**Result Structure:**  
**Param Reported As:**  
**Frequency:**  
**Sector:** INORGANIC CHEMICALS  
**Component Type:**

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**Site:** CYTEC CANADA INC.

**Database:**  
SRDS

NIAGARA FALLS ON

Company Code: 0001550102  
Works ID:  
SIC:  
SIC1:  
SIC1 Desc:  
SIC2:  
SIC2 Desc:  
SIC3:  
SIC3 Desc:  
Body of Water:  
Terminal Stream:  
SIC Desc:  
Mailing Address:  
Corp Address:

Sector:  
Region:  
District:  
UTM Zone:  
UTM Easting:  
UTM Northing:  
UTM Precision:  
Minor Basin:  
Major Basin:  
Report Year: 2016

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/06  
Regulation: MISA COMPLIANCE  
Value: 197  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/06  
Regulation: MISA COMPLIANCE  
Value: 0.08352  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/07  
Regulation: MISA COMPLIANCE  
Value: 241  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/11  
Regulation: MISA COMPLIANCE  
Value: 0.21437  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	549	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.076254	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 101  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1056  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00006925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	293.38	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1115.5	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6877	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 29.727  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.15906  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 317.1  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5733  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.5746 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.000135 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2010.3 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.60416  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.5631  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.061405  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001155  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07932  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 206.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 18136  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.14185	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3319.3	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3436	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7131	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3549	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1463  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4969  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13888  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08991  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6873  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001215  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.06  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.39417	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	588.7	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5.3569	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001266	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5343  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04148  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000124  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000137  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.79618

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.7616	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11832	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05564	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN, TOT, KJELDAHL/UNF. REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN, TOT, KJELDAHL/UNF. REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00011213  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.188  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07718  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1992  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 222.84  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 0.16847  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 0.01962  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 0.000111  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 5  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 23  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04796  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.90935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00124  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 9.7311 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.27285 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0665 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 725.2 **Component Type:** AVERAGE  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 293 **Component Type:** MINIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.0404 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.832  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001085  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 242.26  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06561  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING



<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00176	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	389.42	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.27993	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02934	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6177	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001955  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1476  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09292  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000805  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 7511  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 2657  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.0821  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 7832.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 27208  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.642  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.81094  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1666  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.412  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7254  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 91.166  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4009  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.009  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.0001  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.047973  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 2982.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.3474  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 137.09  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001155  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 250  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001215  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.096938  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 9440.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.6372  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 28.466  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE



**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3999  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.67498  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 183.13  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07607  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13024  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00426	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7.5972	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001955	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 210  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.1592  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.94875  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.228  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000455  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.068968  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.55605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001135  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000545  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 748  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.95744  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 315  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08832  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.51268	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000725	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000455	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03616	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.9275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.30282  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 18.122  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 1.0242  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001145  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 403.28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09408  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00011775  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000112  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04205  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.8027  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.882  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01708  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.28626  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0107  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.274  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 29  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.9546  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000725  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0872  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS

**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.083526  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00318  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0506  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.143  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/09  
Regulation: MISA COMPLIANCE  
Value: 0.70723  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/09  
Regulation: MISA COMPLIANCE  
Value: 1.1354  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/10  
Regulation: MISA COMPLIANCE  
Value: 941.75  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/06  
Regulation: MISA COMPLIANCE  
Value: 0.00762  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/06  
Regulation: MISA COMPLIANCE  
Value: 0  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8435  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07392  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09504  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001495  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 0.000176 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.048144 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 31 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 31 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.26158 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.226  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.978  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00012038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2373  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001205  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09424  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.664  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05543  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.8591	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.71132	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7275	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	24.698	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 39.347  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.1083  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.777  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0228  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 3.332  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.9747  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 13.365  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 44.224  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9043  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.0677  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.74396  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 15829  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.116  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1166

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2042.6	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.362	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.14553	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07854	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.232  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00011625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0011775  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 190  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.3017  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 9647.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 13872  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 123.04  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.212  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	18.305	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	29	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001177	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001105  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8249  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0011625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.5346  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 92.995 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.4139 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 3590 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.0206 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	683	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2291	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10951	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00231  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.76513  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.084465  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE



**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 158.73  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 277.39  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 46.644  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.52  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 31.044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.183  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.45  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.087  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08352  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8216  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.001105	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	195	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000581	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.027798	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0006925  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000805  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000122  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3984  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.657

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.064263  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.971  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001135  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.015494  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05985  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7411  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4452  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 137  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1855  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001085  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 31  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 0.092  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITROGEN,TOT,KJELDAHL/UNF.REA

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 1.1829  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/05  
Regulation: MISA COMPLIANCE  
Value: 0.0001085  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/06  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00287	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.53161	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0053668	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4277	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	112.33	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00565	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.6031	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1199	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.059563	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1231  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.4203  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 48.974  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5329  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.5777	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.51723	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.18648  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1458  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09702  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5746  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 408.56  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.3931 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 7.1446 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 144.99 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 173.94 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.3129 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES



**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0822  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1888  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 9564  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.12722  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.16035  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.35728  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3259  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.541  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 34.763  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.4986  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 19.83  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.8395  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.325  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.18845  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1003  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.582  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.88725  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.1611  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0045  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.03735	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00427	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7227  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00122  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 424  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 368.6  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 33.984  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.14081 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.1644 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.039675 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.07124 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 30 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6996  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 122.32  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 220  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00097625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 36  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04336  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.21692  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 92.378  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 597  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.66022  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05772  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11799  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000115  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.475  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000545  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.812  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3485  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09888  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.32816  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00137  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 475  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.055108  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.046728	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0055875	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.5136	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06701	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.39388	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.072873	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.859  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.02  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0012038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON

**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.609  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.597  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.38688  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03906  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06076	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001275	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 71.492  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9726  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001205  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.05876 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.041454 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0000615 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 39.433 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/12 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.325  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5746  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 711.91  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.8452  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1145  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 62.008  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 944  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 30.177  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 222.84  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 192  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**



**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 1983  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 189.45  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 291.31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 11.447  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3148  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4585  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.12154  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.39255	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.033146	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.76872	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 271.87  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 33.786  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.49  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0872  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0872  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001065

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0011213  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10208  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00135  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 292  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000615  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08103  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS

**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000107  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0154  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.33665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.60107	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.31297	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	44.88	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

MISA Industrial Wastewater Discharge

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1755	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

MISA Industrial Wastewater Discharge



<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00219	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.091156	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1656	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS CARBON  
**Sample Date:** 2016/06 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.6727 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.00009763 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS CARBON  
**Sample Date:** 2016/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000602  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 193  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 34.039  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2069  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001275  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 302  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.12896	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0001085	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.02235	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.001495	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	36.962	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0588	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.9925	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.061	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	78.56	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.894	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.001065  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0339  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02576  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4959.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.239  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.666  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 148.01  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.2405  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.964  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**



<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3284	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.15867	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.072272	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.051059	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0243	<b>Component Type:</b>	MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	29	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00117	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.2577  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.323  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 593.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.0788  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.75848  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.31415  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 125.29  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.93571  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13775  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2016/04  
Regulation: MISA COMPLIANCE  
Value: 225.33  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/03  
Regulation: MISA COMPLIANCE  
Value: 26.357  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/03  
Regulation: MISA COMPLIANCE  
Value: 0  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/04  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2016/04  
Regulation: MISA COMPLIANCE  
Value: 14.885  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.4301  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 2502.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 821  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3556  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.20933	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00107	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	208.2	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.069258	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.006102  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8588  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001177  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 228.28  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.66098  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5781  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.68063  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.088  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.85433  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1414	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.37191	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.58963	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.001329  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.32984  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 336.93  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.096413  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.056  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 558  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.5604  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.078511  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.003285  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001266  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 199  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07749	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0069	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.065628	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1083	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9061  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.20577  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.332  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.80703  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN



<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01554	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.8347	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	196.28	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.4974	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.3972	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		

Parameter Name: SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7591	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.3963	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	25.823	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6235	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.14274	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000117	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS

**Value:** 0.8262 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2016/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.00112 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 245 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2016/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 30 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2016/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2016/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 3.2314 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.7279  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 12363.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1877  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 380.46  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2879  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 2388  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.96285  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08262  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05103  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3966	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.424	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	300.7	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.042473	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.044	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/08	<b>Frequency:</b>	MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 0.41536  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06028  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001145  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0012204  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0069495  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5123  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 230.9  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 368  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.048758  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.3079  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.11303  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1335

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 187.25  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2016/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 192  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2016/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.032814	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2016/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2016/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0412	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON

**Sample Date:** 2016/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.21441  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 50.085  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 989  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2016/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.9572  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Site:** CYTEC CANADA INC.  
NIAGARA FALLS ON

**Database:** SRDS

**Company Code:** 0001550102  
**Works ID:**  
**SIC:**  
**SIC1:**  
**SIC1 Desc:**  
**SIC2:**  
**SIC2 Desc:**

**Sector:**  
**Region:**  
**District:**  
**UTM Zone:**  
**UTM Easting:**  
**UTM Northing:**  
**UTM Precision:**

SIC3:  
SIC3 Desc:  
Body of Water:  
Terminal Stream:  
SIC Desc:  
Mailing Address:  
Corp Address:

Minor Basin:  
Major Basin:  
Report Year: 2015

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/07  
Regulation: MISA COMPLIANCE  
Value: 0.0138  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/07  
Regulation: MISA COMPLIANCE  
Value: 0.0135  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: PHOSPHORUS, UNFILTERED TOTAL

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS PHOSPHORUS  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/07  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/03  
Regulation: MISA COMPLIANCE  
Value: 5  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: TOLUENE C7H8

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/04  
Regulation: MISA COMPLIANCE  
Value: 0.003875  
Unit Of Measure: KG/D

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.6	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00063125	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06609	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**



**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 35.322  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 156  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 81  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07622  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.0732  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.70194  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	135.9	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.51953	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	56	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.058833	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.63058	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.524	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4726	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03432  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 289.72  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 67.08  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	164.12	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1129	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	462.59	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.22428	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.2627	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS

<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.72445	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	274.11	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.067092	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	13.251	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		

Parameter Name: NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/11  
Regulation: MISA COMPLIANCE  
Value: 443.06  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/11  
Regulation: MISA COMPLIANCE  
Value: 3.6504  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/11  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/05  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/05  
Regulation: MISA COMPLIANCE  
Value: 5617  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 197.49  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4032  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05424  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.000695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08978  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.748  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00007238  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000735  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.421  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08985  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.579  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 103874  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.083218  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.1519  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1287	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	57.96	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	7.2862	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.4853	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.4236	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.61886	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1142.6	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2.2487 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4.5887 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5.0985 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2159	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	45.892	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.45493	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.8843	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**



<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10374	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.01001	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000692	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.731	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07134	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5056	<b>Component Type:</b>	MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000995  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.73296  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 5449  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000652  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 105.78  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1962  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.61225  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	3.678	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	45108	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	39.107	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	89.765	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.368	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 181.42  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 743.88  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 9200  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 231.14  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 14201  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.3216  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.3905  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0111	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.6037	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06256	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.2942  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 180  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000068  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000695	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.050258	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.070663	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.695	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.59458	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.08358	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.031117	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.78566  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001157  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.063105	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 190.72  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5449  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000666  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000615  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6604  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0248  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06751  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000635  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 158  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06968  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.063618  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE



**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.8492  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.069463  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10011  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000059  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/08  
Regulation: MISA COMPLIANCE  
Value: 4  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CARBON, DISSOLVED ORGANIC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS CARBON  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/08  
Regulation: MISA COMPLIANCE  
Value: 0.000735  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/08  
Regulation: MISA COMPLIANCE  
Value: 151  
Unit Of Measure: M3/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/01  
Regulation: MISA COMPLIANCE  
Value: 0.00049  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/01  
Regulation: MISA COMPLIANCE  
Value: 0.11454  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000049  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7197  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04433  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000715  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.72065 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2015/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.0751 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.06461 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/09 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.4662 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10686  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06272  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 37.395  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2070  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.9005  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5338  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4699	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.8736	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	27.984	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.64928	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10199	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6939.5	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.30873	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY



**Regulation:** MISA COMPLIANCE  
**Value:** 21.027  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 106.17  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.797  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 12.512  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.7358  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7403  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.1698	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0564	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.54	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000665	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0576  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09105  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01456  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6924  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	79	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5964	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.7689	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater**  
**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1892	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	10.622	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000685	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00063	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS

<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9.2728	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	99.4	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.2962	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.567	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.6676	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1044.6	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3526	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.0102	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4368	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.82992  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 823.88  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 21.254  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS



**Value:** 0.40796 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 5665 **Component Type:** MINIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/07 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 8.4714 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 11945.5 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1700 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 49.464 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2.7659	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	9131.5	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	171.38	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 6.3765  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.912  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.3399  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.09792  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03048  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.2688	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	14.201	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5249	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08296  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0128  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.003973  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.576  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0448  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000755  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06132  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000705  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 244  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0073  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.58  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000865  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0097344

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	301	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1218	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.792	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00096875	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.525	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000625	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.10112	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.85796	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE

**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 2516  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.0004  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06678  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5524  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: CARBON, DISSOLVED ORGANIC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0732	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.084002	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0507	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.5805	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2421  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 111  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07744  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.00126 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.02641 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 2.53 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/10 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 1.3775 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/11 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.142 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000995  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 229.29  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 174  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04717  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05976  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0147  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001245  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT FLOW  
**Parameter Name:**

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10001  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.126  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM



**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	130.4	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.07946	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS, UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.068286	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3659  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.7191  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000705  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07587  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00006238  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 134.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.050655  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.050787  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04851  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.059405  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00063  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0392	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.06624	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.27	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	132.53	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.038548	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05291	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN

**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.4351  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.62526  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 26294.8  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 466.39  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 132.26  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 171  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



Parameter Name: FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.4114  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.927  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4498  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.6261  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.88435  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000071  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 169  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.58913  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000625  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000635  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 128.97  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.14352	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.70337	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0732	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.3216	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.2219	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.14567  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.9677  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 35423  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	10.682	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.5617	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	314.36	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	45.108	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.6831  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 14.878  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 25.317  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.294  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.8488  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.6731  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.051851  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.47  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 8304  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.2793  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 346.42  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1065.1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6656  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00006413  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000605  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0007946  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6987  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.716  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.133  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000715  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 8.1639  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00072125  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.13288  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0139  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000865  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.060978  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.08342  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00105  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10095  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.045258  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1164  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

Parameter Name: SOLVENT EXTRACTABLES

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/12  
Regulation: MISA COMPLIANCE  
Value: 3.612  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/12  
Regulation: MISA COMPLIANCE  
Value: 31  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: NUM. IN AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/01  
Regulation: MISA COMPLIANCE  
Value: 0.27527  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/01  
Regulation: MISA COMPLIANCE  
Value: 1.2738  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/01  
Regulation: MISA COMPLIANCE  
Value: 2721  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.9719  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.83512  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1251  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.28532  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 80.249  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 5 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2015/03 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0154 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS HYDROGEN CYANIDE  
**Sample Date:** 2015/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 173 **Component Type:** MAXIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 91 **Component Type:** MINIMUM  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/04 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0575 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC



**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.76513	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000705	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 123.35  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 159  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07546  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07176  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.859	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1015	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1015	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.52624  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000715  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 4347.2  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5921  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 4.8187  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.28093  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 42.9  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 120.53  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.557  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.4394  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 139.05  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 10.345  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.64483  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 15.367  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 604.45

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 11.226  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5.5456  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE



**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 2813  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.5044  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN

**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.6701  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7759  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03146  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 430.54  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.3788  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/08  
Regulation: MISA COMPLIANCE  
Value: 99.731  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: RESIDUE, PARTICULATE

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/02  
Regulation: MISA COMPLIANCE  
Value: 0.00064125  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/02  
Regulation: MISA COMPLIANCE  
Value: 0.00068  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CYANIDE, AVAIL, UNFIL.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS HYDROGEN CYANIDE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/02  
Regulation: MISA COMPLIANCE  
Value: 0.08106  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

Company Code: 0001550102  
Control Point Id: 1600  
Sample Date: 2015/03  
Regulation: MISA COMPLIANCE  
Value: 0.64444  
Unit Of Measure: KG/D  
Control Point Name: PLANT - PROCESS EFFLUENT  
Parameter Name: CARBON, DISSOLVED ORGANIC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS CARBON  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 230  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 123  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6368  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04935  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000705  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.001245  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00224  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.5696	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	8.337	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.8148	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	31	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.045125	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/01	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6.2118	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.40615	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.16	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0012285	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.4092	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00061	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**



**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITRATES TOTAL, FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.1905	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000666	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 95  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.17892  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01805  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 3442.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.2249  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.7789	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/12	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	10081	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1763	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2516  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 22188.6  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 22.554  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 17.651  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 30.696  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.685  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 2629.7  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 23.443  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.58408	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4.5439	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS

**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.576  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 181.29  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.047185  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 40.796  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.053975  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	6369.8	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	130.57	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	28	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/07	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0944	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.57905  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000715  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 91  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.038214 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.000063 **Component Type:** AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** NOT APPLICABLE  
**Sample Date:** 2015/01 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.0000695 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0 **Component Type:** MINIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS NITROGEN  
**Sample Date:** 2015/02 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 4 **Component Type:** NUM. IN AVERAGE  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING  
**Control Point Id:** 1600 **Param Reported As:** AS PHOSPHORUS  
**Sample Date:** 2015/08 **Frequency:** MONTHLY  
**Regulation:** MISA COMPLIANCE **Sector:** INORGANIC CHEMICALS  
**Value:** 0.093 **Component Type:** MAXIMUM  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0128	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	30	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
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**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4587  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 153.32  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.03892  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.042206  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.0000755	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/10	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	165.83	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/11	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	82	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10396  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1624  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN, TOT, KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 16.946  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4.3795  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.05985  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0137  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04574	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.728	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	RESIDUE, PARTICULATE		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000063	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	TOLUENE C7H8		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00064	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater  
Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/04	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.04	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater  
Discharge**



**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000692  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 153

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.05707	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/02	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater**

**Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/03	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	2061	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	M3/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	FLOW		

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.8886  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.46329  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.74046  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater  
Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE

**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 3271.3  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.18253  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4737.5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 3895  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.1033  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.77676  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

Parameter Name: PHOSPHORUS,UNFILTERED TOTAL

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/06  
Regulation: MISA COMPLIANCE  
Value: 1.3104  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: SOLVENT EXTRACTABLES

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/12  
Regulation: MISA COMPLIANCE  
Value: 131.77  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/04  
Regulation: MISA COMPLIANCE  
Value: 4172  
Unit Of Measure: M3/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: FLOW

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: NOT APPLICABLE  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MINIMUM

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/04  
Regulation: MISA COMPLIANCE  
Value: 76.851  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: AVERAGE

MISA Industrial Wastewater Discharge

Company Code: 0001550102  
Control Point Id: 1700  
Sample Date: 2015/04  
Regulation: MISA COMPLIANCE  
Value: 143.43  
Unit Of Measure: KG/D  
Control Point Name: PLANT - COMBINED EFFLUENT  
Parameter Name: NITRATES TOTAL, FILTER.REAC

Result Structure: MISA MONTHLY REPORTING  
Param Reported As: AS NITROGEN  
Frequency: MONTHLY  
Sector: INORGANIC CHEMICALS  
Component Type: MAXIMUM

MISA Industrial Wastewater Discharge

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.50635  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.65254  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 5249  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 7.1414  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.086  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 236.54  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 575.26  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.5276  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC  
**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00059  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 126.84  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000064  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1016  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102 **Result Structure:** MISA MONTHLY REPORTING



**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01053  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.56  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/05  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000061  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.089382  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1235  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	NITROGEN,TOT,KJELDAHL/UNF.REA		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS PHOSPHORUS
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.11644	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	PHOSPHORUS,UNFILTERED TOTAL		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	5	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	NOT APPLICABLE
<b>Sample Date:</b>	2015/08	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	4	<b>Component Type:</b>	NUM. IN AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	SOLVENT EXTRACTABLES		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1700	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/09	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.012922	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - COMBINED EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 28  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0128  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01854  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.91523  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY

**Regulation:** MISA COMPLIANCE  
**Value:** 0.00007213  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/10  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000695  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.067408  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.04179  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/11  
**Regulation:** MISA COMPLIANCE  
**Value:** 30  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.01722  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.864  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.6816  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.10863  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0931  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.038528  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.07821  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS,UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.6513  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0001157  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**  
**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/12  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000105

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.0000685  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5745  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.2847  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1511  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 599  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.97038  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.2568  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.7173  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** NITROGEN,TOT,KJELDAHL/UNF.REA

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON



**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.67568  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.621  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 94  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.02375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00006313  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** TOLUENE C7H8

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/04  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

Parameter Name: TOLUENE C7H8

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS NITROGEN
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.004914	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	AMMONIUM+AMMONIA, TOTAL FILTER.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/05	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00062375	<b>Component Type:</b>	AVERAGE
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS CARBON
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	1.0508	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CARBON, DISSOLVED ORGANIC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.00071	<b>Component Type:</b>	MAXIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>	0001550102	<b>Result Structure:</b>	MISA MONTHLY REPORTING
<b>Control Point Id:</b>	1600	<b>Param Reported As:</b>	AS HYDROGEN CYANIDE
<b>Sample Date:</b>	2015/06	<b>Frequency:</b>	MONTHLY
<b>Regulation:</b>	MISA COMPLIANCE	<b>Sector:</b>	INORGANIC CHEMICALS
<b>Value:</b>	0.000615	<b>Component Type:</b>	MINIMUM
<b>Unit Of Measure:</b>	KG/D		
<b>Control Point Name:</b>	PLANT - PROCESS EFFLUENT		
<b>Parameter Name:</b>	CYANIDE, AVAIL, UNFIL.REAC		

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/06  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.639  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.06726  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** NITRATES TOTAL, FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/07  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.252  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** AMMONIUM+AMMONIA, TOTAL FILTER.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS NITROGEN  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS

**Value:** 0.6578  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00072375  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 4  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.4312  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/01  
**Regulation:** MISA COMPLIANCE  
**Value:** 0  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.028196  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.00146  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 31  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.1228  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102

**Result Structure:** MISA MONTHLY REPORTING

**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.1015  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/08  
**Regulation:** MISA COMPLIANCE  
**Value:** 1  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.5863  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CARBON, DISSOLVED ORGANIC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS CARBON  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000665  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.000652  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** CYANIDE, AVAIL, UNFIL.REAC

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS HYDROGEN CYANIDE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 2485  
**Unit Of Measure:** M3/D

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.47587  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 42.058  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 1.6088  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/02  
**Regulation:** MISA COMPLIANCE  
**Value:** 3.5224  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MAXIMUM

**MISA Industrial Wastewater**

**Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1600  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 101  
**Unit Of Measure:** M3/D  
**Control Point Name:** PLANT - PROCESS EFFLUENT  
**Parameter Name:** FLOW

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/03  
**Regulation:** MISA COMPLIANCE  
**Value:** 0.43281  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** PHOSPHORUS, UNFILTERED TOTAL

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** AS PHOSPHORUS  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** MINIMUM

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 5  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** RESIDUE, PARTICULATE

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** NUM. IN AVERAGE

**MISA Industrial Wastewater Discharge**

**Company Code:** 0001550102  
**Control Point Id:** 1700  
**Sample Date:** 2015/09  
**Regulation:** MISA COMPLIANCE  
**Value:** 2.0549  
**Unit Of Measure:** KG/D  
**Control Point Name:** PLANT - COMBINED EFFLUENT  
**Parameter Name:** SOLVENT EXTRACTABLES

**Result Structure:** MISA MONTHLY REPORTING  
**Param Reported As:** NOT APPLICABLE  
**Frequency:** MONTHLY  
**Sector:** INORGANIC CHEMICALS  
**Component Type:** AVERAGE

**Site:** lot 5 ON

**Database:** WWIS

**Well ID:** 6603611  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Quality  
**Water Type:**  
**Casing Material:**  
**Audit No:**  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 4/4/1984  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 2123  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** NIAGARA FALLS CITY (STAMFORD)  
**Site Info:**  
**Lot:** 005  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**



Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10463211  
DP2BR: 29  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 8/18/1983  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932598916  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2:  
Other Materials:  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 8  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932598919  
Layer: 4  
Color:  
General Color:  
Mat1: 26  
Most Common Material: ROCK  
Mat2: 15  
Other Materials: LIMESTONE  
Mat3:  
Other Materials:  
Formation Top Depth: 29  
Formation End Depth: 50  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932598917  
Layer: 2  
Color: 6  
General Color: BROWN  
Mat1: 05

**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 8  
**Formation End Depth:** 22  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 932598918  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 22  
**Formation End Depth:** 29  
**Formation End Depth UOM:** ft

**Method of Construction & Well**

**Use**

**Method Construction ID:**  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11011781  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930752579  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 50  
**Casing Diameter:** 7  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 996603611  
**Pump Set At:**  
**Static Level:** 32  
**Final Level After Pumping:** 45  
**Recommended Pump Depth:**  
**Pumping Rate:** 2  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM

Water State After Test Code: 2  
Water State After Test: CLOUDY  
Pumping Test Method: 2  
Pumping Duration HR: 2  
Pumping Duration MIN: 0  
Flowing: N

**Water Details**

Water ID: 933950902  
Layer: 1  
Kind Code: 3  
Kind: SULPHUR  
Water Found Depth: 44  
Water Found Depth UOM: ft

**Site:**  
lot 4 ON

**Database:**  
[WWIS](#)

Well ID:	6603735	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Municipal	Date Received:	4/14/1987
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	4005
Casing Material:		Form Version:	1
Audit No:	10192	Owner:	
Tag:		Street Name:	
Construction Method:		County:	NIAGARA (WELLAND)
Elevation (m):		Municipality:	NIAGARA FALLS CITY
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	004
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

**Bore Hole Information**

Bore Hole ID:	10463334	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	17
Code OB:	o	East83:	
Code OB Desc:	Overburden	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	3/18/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 932599452  
Layer: 4  
Color: 6  
General Color: BROWN  
Mat1: 10

**Most Common Material:** COARSE SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 120  
**Formation End Depth:** 151  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599451  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 08  
**Most Common Material:** FINE SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 57  
**Formation End Depth:** 120  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599449  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 0  
**Formation End Depth:** 6  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599450  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 28  
**Other Materials:** SAND  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 6  
**Formation End Depth:** 57  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599456  
**Layer:** 8

**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 176  
**Formation End Depth:** 179  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599454  
**Layer:** 6  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Other Materials:** LOOSE  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 160  
**Formation End Depth:** 173  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599455  
**Layer:** 7  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 08  
**Other Materials:** FINE SAND  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 173  
**Formation End Depth:** 176  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932599453  
**Layer:** 5  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 29  
**Other Materials:** FINE GRAVEL  
**Mat3:** 77  
**Other Materials:** LOOSE  
**Formation Top Depth:** 151  
**Formation End Depth:** 160  
**Formation End Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:**  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11011904  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930752760  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 65  
**Casing Diameter:** 8  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930752761  
**Layer:** 2  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 173  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933385589  
**Layer:** 1  
**Slot:** 010  
**Screen Top Depth:** 173  
**Screen End Depth:** 176  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 5

**Results of Well Yield Testing**

**Pump Test ID:** 996603735  
**Pump Set At:**  
**Static Level:** 128  
**Final Level After Pumping:** 177  
**Recommended Pump Depth:**  
**Pumping Rate:** 1  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 8

**Pumping Duration MIN:** 0  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934865534  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 177  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934611344  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 177  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934343986  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 177  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 935129902  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 177  
**Test Level UOM:** ft

## Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

### **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

### **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

### **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jul 31, 2019**

### **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**



**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jul 31, 2019**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Nov 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Nov 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Dec 31, 2019**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Dec 31, 2019**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Oct 31, 2019**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**List of Expired Fuels Safety Facilities:**

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Nov 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal FED TANKS

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Oct 31, 2019**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date:** Dec 31, 2018

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date:** Up to May 2001\*

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date:** Mar 1999-Apr 2018

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date:** 2001-Apr 2007\*

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date:** 2008-Dec 31, 2019

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date:** 1920-Feb 2003\*

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date:** 1974-2003\*

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date:** 1988-2008\*

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date:** 1993-May 2017

**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Dec 31, 2019**

**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Dec 2019**

**Pipeline Incidents:**

Provincial

PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Dec 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jul 31, 2019**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Jun 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: 2011-Dec 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**



# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



# DATABASE REPORT

**Project Property:** 18104462 (Site 2,4,5 & 6)  
Chippawa Creek Road and Garner Road  
Niagara Falls ON L2H 2Y6

**Project No:**

**Report Type:** Quote - Custom-Build Your Own Report

**Order No:** 20190527055

**Requested by:** Golder Associates Ltd.

**Date Completed:** January 27, 2020

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# Executive Summary

## **Property Information:**

**Project Property:** 18104462 (Site 2,4,5 & 6)  
Chippawa Creek Road and Garner Road Niagara Falls ON L2H 2Y6

**Project No:**

## **Order Information:**

**Order No:** 20190527055  
**Date Requested:** May 27, 2019  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	4	4
CA	<i>Certificates of Approval</i>	Y	2	15	17
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	2	6	8
ECA	<i>Environmental Compliance Approval</i>	Y	5	14	19
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	4	5	9
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	2	2
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	2	2
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	19	38	57
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	1	0	1

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	6	6
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	2	2
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	1	1
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	2	2
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	3	4	7
SPL	Ontario Spills	Y	1	3	4
SRDS	Wastewater Discharger Registration Database	Y	0	1	1
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	3	10	13
<b>Total:</b>			40	118	158

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	EHS		No address Niagara Falls ON	ENE/0.0	-2.97	<a href="#">41</a>
<a href="#">2</a>	WWIS		con 210 Niagara Falls ON  <i>Well ID:</i> 7108580	WNW/0.0	-1.85	<a href="#">41</a>
<a href="#">3</a>	EHS		8208 Heartland Forest Road Niagara Falls ON L2H 0A6	N/0.0	-10.85	<a href="#">46</a>
<a href="#">4</a>	EHS		210 Montrose Road Niagara Falls ON	E/0.0	-10.85	<a href="#">46</a>
<a href="#">5</a>	EBR	City of Niagara Falls	8280 Kalar Rd NIAGARA FALLS ON	NNW/0.0	-10.85	<a href="#">46</a>
<a href="#">6</a>	SCT	SWS Star Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">47</a>
<a href="#">6</a>	GEN	SWS Star Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">47</a>
<a href="#">6</a>	SCT	SWS Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">48</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">48</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">48</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">49</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">49</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON	ENE/0.0	-10.85	<a href="#">49</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">50</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">50</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">50</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">51</a>
<a href="#">6</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	ENE/0.0	-10.85	<a href="#">51</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">7</a>	WWIS		Niagara Falls ON  <i>Well ID: 7191624</i>	N/0.0	-10.85	<a href="#">52</a>
<a href="#">8</a>	SCT	Alo North America Inc.	8485 Montrose Rd Niagara Falls ON L2H 3L7	ENE/0.0	-10.85	<a href="#">54</a>
<a href="#">8</a>	GEN	Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	ENE/0.0	-10.85	<a href="#">54</a>
<a href="#">8</a>	GEN	Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	ENE/0.0	-10.85	<a href="#">55</a>
<a href="#">8</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	ENE/0.0	-10.85	<a href="#">55</a>
<a href="#">8</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	ENE/0.0	-10.85	<a href="#">55</a>
<a href="#">9</a>	ECA	The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	N/0.0	-10.85	<a href="#">55</a>
<a href="#">9</a>	EBR	City of Niagara Falls	8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS ON	N/0.0	-10.85	<a href="#">56</a>
<a href="#">9</a>	INC		8208 HEARTLAND FOREST ROAD, NIAGARA FALLS ON	N/0.0	-10.85	<a href="#">56</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#">9</a>	ECA	The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	N/0.0	-10.85	<a href="#">57</a>
<a href="#">9</a>	SPL	The Corporation of the City of Niagara Falls	8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	N/0.0	-10.85	<a href="#">57</a>
<a href="#">9</a>	GEN	City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	N/0.0	-10.85	<a href="#">58</a>
<a href="#">9</a>	GEN	City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	N/0.0	-10.85	<a href="#">58</a>
<a href="#">9</a>	GEN	City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	N/0.0	-10.85	<a href="#">59</a>
<a href="#">9</a>	GEN	City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	N/0.0	-10.85	<a href="#">59</a>
<a href="#">10</a>	WWIS		Niagara Falls ON  <b>Well ID:</b> 7191623	N/0.0	-10.85	<a href="#">60</a>
<a href="#">16</a>	CA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	N/0.0	-10.85	<a href="#">62</a>
<a href="#">16</a>	CA	The Corporation of the City of Niagara Falls	8108 Kalar Niagara Falls ON	N/0.0	-10.85	<a href="#">62</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">16</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	N/0.0	-10.85	<a href="#">63</a>
<a href="#">16</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	N/0.0	-10.85	<a href="#">63</a>
<a href="#">16</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	N/0.0	-10.85	<a href="#">63</a>
<a href="#">39</a>	EHS		7047 Reixinger Road Niagara Falls ON	WSW/0.0	-15.00	<a href="#">64</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">11</a>	CA		QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	E/38.0	-9.57	<a href="#">64</a>
<a href="#">11</a>	CA	QEW, Chippawa Creek Road, Montrose Road	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	E/38.0	-9.57	<a href="#">64</a>
<a href="#">11</a>	HINC		NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	E/38.0	-9.57	<a href="#">65</a>
<a href="#">11</a>	ECA	The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	E/38.0	-9.57	<a href="#">65</a>
<a href="#">11</a>	ECA	The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	E/38.0	-9.57	<a href="#">65</a>
<a href="#">12</a>	SPL	The Regional Municipality of Niagara	8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON	ESE/50.6	-4.23	<a href="#">65</a>
<a href="#">13</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON	ENE/15.7	-10.85	<a href="#">66</a>
<a href="#">13</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON	ENE/15.7	-10.85	<a href="#">66</a>
<a href="#">14</a>	SCT	Reid Signs	8825 Montrose Rd Niagara Falls ON L2E 6S5	ESE/87.0	-7.51	<a href="#">66</a>
<a href="#">15</a>	EHS		8675 Montrose Rd Niagara Falls ON L2H0Z9	ESE/48.7	-5.29	<a href="#">67</a>
<a href="#">17</a>	CA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2E 6S5	E/140.0	-10.85	<a href="#">67</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">17</a>	ECA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	E/140.0	-10.85	<a href="#">67</a>
<a href="#">17</a>	ECA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	E/140.0	-10.85	<a href="#">67</a>
<a href="#">18</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601398	E/135.2	-10.85	<a href="#">68</a>
<a href="#">19</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601401	E/171.1	-10.85	<a href="#">71</a>
<a href="#">20</a>	EHS		Niagara Falls ON Niagara Falls ON	ESE/186.0	-10.85	<a href="#">74</a>
<a href="#">21</a>	CA	FORD MOTOR CO. OF CANADA	9127 MONTROSE RD. NIAGARA FALLS CITY ON	SSE/248.6	-7.08	<a href="#">74</a>
<a href="#">21</a>	CA	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SSE/248.6	-7.08	<a href="#">74</a>
<a href="#">21</a>	CA	FORD MOTOR COMPANY OF CANADA (NIAGARA GL	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SSE/248.6	-7.08	<a href="#">75</a>
<a href="#">21</a>	SRDS	FORD MOTOR COMPANY	NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">75</a>
<a href="#">21</a>	NPCB	FORD MOTOR COMPANY OF CANADA	9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">75</a>
<a href="#">21</a>	NPCB	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">76</a>
<a href="#">21</a>	CA	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	SSE/248.6	-7.08	<a href="#">76</a>
<a href="#">21</a>	CA		9127 Montrose Avenue Niagara Falls ON	SSE/248.6	-7.08	<a href="#">76</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">21</a>	CA	E.S. Fox Construction	9127 Montrose Rd. Niagara Falls ON	SSE/248.6	-7.08	<a href="#">77</a>
<a href="#">21</a>	EBR	E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls ON	SSE/248.6	-7.08	<a href="#">77</a>
<a href="#">21</a>	OPCB	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">77</a>
<a href="#">21</a>	GEN	FORD MOTOR CO. OF CANADA LTD.	NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">78</a>
<a href="#">21</a>	GEN	FORD (OUT OF BUS) 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">78</a>
<a href="#">21</a>	GEN	FORD MOTOR COMPANY OF CANADA LTD. 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">80</a>
<a href="#">21</a>	GEN	FORD (OUT OF BUS) MOTOR COMPANY	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SSE/248.6	-7.08	<a href="#">81</a>
<a href="#">21</a>	GEN	E.S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">82</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">83</a>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	SSE/248.6	-7.08	<a href="#">84</a>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	SSE/248.6	-7.08	<a href="#">84</a>
<a href="#">21</a>	SCT	E.S. Fox Ltd.	9127 Montrose Rd Niagara Falls ON L2E 6S5	SSE/248.6	-7.08	<a href="#">85</a>
<a href="#">21</a>	FSTH	E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">85</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SSE/248.6	-7.08	<a href="#">85</a>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SSE/248.6	-7.08	<a href="#">86</a>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SSE/248.6	-7.08	<a href="#">86</a>
<a href="#">21</a>	FSTH	E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">87</a>
<a href="#">21</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SSE/248.6	-7.08	<a href="#">87</a>
<a href="#">21</a>	CA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON	SSE/248.6	-7.08	<a href="#">87</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">88</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">89</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">90</a>
<a href="#">21</a>	FST	E S FOX LTD	9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	SSE/248.6	-7.08	<a href="#">91</a>
<a href="#">21</a>	FST	E S FOX LTD	9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	SSE/248.6	-7.08	<a href="#">91</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">91</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">92</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">21</a>	EBR	E.S. Fox Limited	9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">94</a>
<a href="#">21</a>	EBR	E.S. Fox Limited	9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	SSE/248.6	-7.08	<a href="#">94</a>
<a href="#">21</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SSE/248.6	-7.08	<a href="#">94</a>
<a href="#">21</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SSE/248.6	-7.08	<a href="#">95</a>
<a href="#">21</a>	ECA	E.S. Fox Enterprises Inc.	9127 Montrose Avenue Niagara Falls ON L2E 5S6	SSE/248.6	-7.08	<a href="#">95</a>
<a href="#">21</a>	ECA	E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls ON L2E 5S6	SSE/248.6	-7.08	<a href="#">95</a>
<a href="#">21</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SSE/248.6	-7.08	<a href="#">96</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">96</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">97</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">98</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">99</a>
<a href="#">21</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SSE/248.6	-7.08	<a href="#">100</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">22</a>	EHS		8620 Oakwood Dr Niagara Falls ON L2E6S5	E/173.2	-10.85	<a href="#">101</a>
<a href="#">23</a>	SPL	FORD MOTOR CO. OF CANADA LTD.	WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SE/250.1	-4.49	<a href="#">101</a>
<a href="#">23</a>	SPL	FORD MOTOR CO. OF CANADA LTD.	9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SE/250.1	-4.49	<a href="#">102</a>
<a href="#">24</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601397	E/216.7	-10.85	<a href="#">102</a>
<a href="#">25</a>	WWIS		lot 3 ON <b>Well ID:</b> 6600615	SW/177.0	-26.11	<a href="#">105</a>
<a href="#">26</a>	SCT	MODERN MOSAIC LTD	8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	E/249.2	-10.85	<a href="#">110</a>
<a href="#">26</a>	SCT	Modern Mosaic Ltd.	8620 Oakwood Dr Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">110</a>
<a href="#">26</a>	CA		8620 Oakwood Drive Niagara Falls ON	E/249.2	-10.85	<a href="#">110</a>
<a href="#">26</a>	CA		8620 Oakwood Drive Niagara Falls ON	E/249.2	-10.85	<a href="#">110</a>
<a href="#">26</a>	EBR	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	E/249.2	-10.85	<a href="#">111</a>
<a href="#">26</a>	EBR	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	E/249.2	-10.85	<a href="#">111</a>
<a href="#">26</a>	CA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">112</a>
<a href="#">26</a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">112</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">26</a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">112</a>
<a href="#">26</a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">112</a>
<a href="#">26</a>	SPL	Modern Mosaic Limited	8620 Oakwood Dr Niagara Falls ON L2E 6S5	E/249.2	-10.85	<a href="#">113</a>
<a href="#">27</a>	BORE		ON	ESE/137.2	-64.36	<a href="#">113</a>
<a href="#">28</a>	GEN	T.T.&H MONTGOMERY CONSTRUCTION	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">115</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">116</a>
<a href="#">28</a>	PES	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	E/248.7	-10.85	<a href="#">116</a>
<a href="#">28</a>	CA	T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	E/248.7	-10.85	<a href="#">116</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">117</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">117</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">117</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON	E/248.7	-10.85	<a href="#">118</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">28</a>	ECA	T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	E/248.7	-10.85	<a href="#">118</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">118</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">118</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">119</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">119</a>
<a href="#">28</a>	PES	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	E/248.7	-10.85	<a href="#">119</a>
<a href="#">28</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	E/248.7	-10.85	<a href="#">120</a>
<a href="#">29</a>	BORE		ON	SE/135.1	-62.29	<a href="#">120</a>
<a href="#">30</a>	BORE		ON	ESE/153.4	-75.05	<a href="#">121</a>
<a href="#">31</a>	BORE		ON	SE/180.3	-30.04	<a href="#">123</a>
<a href="#">32</a>	SPL	Enbridge Gas Distribution Inc.	7846 Hackberry Trail Niagara Falls ON	NNE/211.6	-9.85	<a href="#">125</a>
<a href="#">33</a>	WWIS		ON <i>Well ID:</i> 6601403	ESE/239.8	-14.56	<a href="#">126</a>
<a href="#">34</a>	WWIS		lot 211 ON	ESE/244.9	-13.57	<a href="#">128</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 6601399			
<a href="#">35</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601402	ENE/212.4	-10.85	<a href="#">132</a>
<a href="#">36</a>	WWIS		ON <b>Well ID:</b> 7289552	SW/101.3	-31.77	<a href="#">134</a>
<a href="#">37</a>	CA		8230 Oakwood Drive Niagara Falls ON L2E 6S5	ENE/216.0	-10.85	<a href="#">135</a>
<a href="#">37</a>	EBR	The Chair Expert Mobile Unit	8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	ENE/216.0	-10.85	<a href="#">135</a>
<a href="#">37</a>	GEN	VOLSCI CONSTRUCTION CO.	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">136</a>
<a href="#">37</a>	GEN	VOLSCI CONSTRUCTION CO. INC. 40-295	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">136</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	ENE/216.0	-10.85	<a href="#">136</a>
<a href="#">37</a>	EXP	VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	ENE/216.0	-10.85	<a href="#">137</a>
<a href="#">37</a>	EXP	VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	ENE/216.0	-10.85	<a href="#">137</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">137</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">138</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">138</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">138</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">37</a>	EHS		8230 Oakwood Dr Niagara Falls ON L2E6S5	ENE/216.0	-10.85	<a href="#">139</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	ENE/216.0	-10.85	<a href="#">139</a>
<a href="#">37</a>	ECA	Eugene T. Willick	8230 Oakwood Drive Niagara Falls ON L2E 6S5	ENE/216.0	-10.85	<a href="#">139</a>
<a href="#">37</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	ENE/216.0	-10.85	<a href="#">139</a>
<a href="#">37</a>	EHS		8230 Oakwood Drive Niagara Falls ON	ENE/216.0	-10.85	<a href="#">140</a>
<a href="#">38</a>	WWIS		ON <b>Well ID:</b> 6601226	ENE/239.7	-10.85	<a href="#">140</a>
<a href="#">40</a>	WWIS		NIAGARA FALLS ON <b>Well ID:</b> 6604849	WSW/49.7	-12.92	<a href="#">142</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	137.2	<a href="#"><u>27</u></a>
	ON	135.1	<a href="#"><u>29</u></a>
	ON	153.4	<a href="#"><u>30</u></a>
	ON	180.3	<a href="#"><u>31</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 17 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
QEW, Chippawa Creek Road, Montrose Road	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	38.0	<a href="#"><u>11</u></a>
	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	38.0	<a href="#"><u>11</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Niagara Falls ON	0.0	<a href="#"><u>16</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	0.0	<a href="#">16</a>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2E 6S5	140.0	<a href="#">17</a>
E.S. Fox Construction	9127 Montrose Rd. Niagara Falls ON	248.6	<a href="#">21</a>
	9127 Montrose Avenue Niagara Falls ON	248.6	<a href="#">21</a>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	248.6	<a href="#">21</a>
FORD MOTOR COMPANY OF CANADA (NIAGARA GL	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	248.6	<a href="#">21</a>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	248.6	<a href="#">21</a>
FORD MOTOR CO. OF CANADA	9127 MONTROSE RD. NIAGARA FALLS CITY ON	248.6	<a href="#">21</a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON	248.6	<a href="#">21</a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	249.2	<a href="#">26</a>
	8620 Oakwood Drive Niagara Falls ON	249.2	<a href="#">26</a>
	8620 Oakwood Drive Niagara Falls ON	249.2	<a href="#">26</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	248.7	<a href="#">28</a>
	8230 Oakwood Drive Niagara Falls ON L2E 6S5	216.0	<a href="#">37</a>

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Dec 31, 2019 has found that there are 8 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Niagara Falls	8280 Kalar Rd NIAGARA FALLS ON	0.0	<a href="#">5</a>
City of Niagara Falls	8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS ON	0.0	<a href="#">9</a>
E.S. Fox Limited	9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	248.6	<a href="#">21</a>
E.S. Fox Limited	9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	248.6	<a href="#">21</a>
E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls ON	248.6	<a href="#">21</a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	249.2	<a href="#">26</a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	249.2	<a href="#">26</a>



<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Chair Expert Mobile Unit	8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	216.0	<a href="#"><u>37</u></a>

### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 19 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	0.0	<a href="#"><u>9</u></a>
The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	0.0	<a href="#"><u>9</u></a>
The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	38.0	<a href="#"><u>11</u></a>
The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	38.0	<a href="#"><u>11</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	0.0	<a href="#"><u>16</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	0.0	<a href="#"><u>16</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	0.0	<a href="#"><u>16</u></a>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	140.0	<a href="#"><u>17</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	140.0	<a href="#"><u>17</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls ON L2E 5S6	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Avenue Niagara Falls ON L2E 5S6	248.6	<a href="#"><u>21</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	248.6	<a href="#"><u>21</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	248.6	<a href="#"><u>21</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	249.2	<a href="#"><u>26</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	249.2	<a href="#"><u>26</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	249.2	<a href="#"><u>26</u></a>
T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
Eugene T. Willick	8230 Oakwood Drive Niagara Falls ON L2E 6S5	216.0	<a href="#"><u>37</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 9 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	No address Niagara Falls ON	0.0	<a href="#"><u>1</u></a>
	8208 Heartland Forest Road Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>3</u></a>
	210 Montrose Road Niagara Falls ON	0.0	<a href="#"><u>4</u></a>
	8675 Montrose Rd Niagara Falls ON L2H0Z9	48.7	<a href="#"><u>15</u></a>
	Niagara Falls ON Niagara Falls ON	186.0	<a href="#"><u>20</u></a>
	8620 Oakwood Dr Niagara Falls ON L2E6S5	173.2	<a href="#"><u>22</u></a>
	8230 Oakwood Drive Niagara Falls ON	216.0	<a href="#"><u>37</u></a>
	8230 Oakwood Dr Niagara Falls ON L2E6S5	216.0	<a href="#"><u>37</u></a>
	7047 Reixinger Road Niagara Falls ON	0.0	<a href="#"><u>39</u></a>

## **EXP - List of Expired Fuels Safety Facilities**

A search of the EXP database, dated Feb 28, 2017 has found that there are 2 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	216.0	<a href="#">37</a>
VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	216.0	<a href="#">37</a>

### **FST - Fuel Storage Tank**

A search of the FST database, dated Feb 28, 2017 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E S FOX LTD	9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	248.6	<a href="#">21</a>
E S FOX LTD	9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	248.6	<a href="#">21</a>

### **FSTH - Fuel Storage Tank - Historic**

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	248.6	<a href="#">21</a>
E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	248.6	<a href="#">21</a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 57 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
SWS Star Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	0.0	<a href="#"><u>8</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	0.0	<a href="#"><u>8</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	0.0	<a href="#"><u>8</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	0.0	<a href="#"><u>8</u></a>
City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	0.0	<a href="#"><u>9</u></a>
City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	0.0	<a href="#"><u>9</u></a>
City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	0.0	<a href="#"><u>9</u></a>
City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	0.0	<a href="#"><u>9</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON	15.7	<a href="#"><u>13</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON	15.7	<a href="#"><u>13</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#"><u>21</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#"><u>21</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#">21</a>
FORD MOTOR CO. OF CANADA LTD.	NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>
FORD (OUT OF BUS) 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>
FORD MOTOR COMPANY OF CANADA LTD. 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>
FORD (OUT OF BUS) MOTOR COMPANY	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>
E.S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	248.6	<a href="#">21</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	248.6	<a href="#">21</a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	248.6	<a href="#"><u>21</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	248.6	<a href="#"><u>21</u></a>
T.T.&H MONTGOMERY CONSTRUCTION	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>



<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	248.7	<a href="#"><u>28</u></a>
VOLSCI CONSTRUCTION CO.	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
VOLSCI CONSTRUCTION CO. INC. 40-295	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	216.0	<a href="#"><u>37</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	216.0	<a href="#"><u>37</u></a>

## **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	38.0	<a href="#"><u>11</u></a>

## **INC - Fuel Oil Spills and Leaks**

A search of the INC database, dated Feb 28, 2017 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	8208 HEARTLAND FOREST ROAD, NIAGARA FALLS ON	0.0	<a href="#"><u>9</u></a>

## **NCPL - Non-Compliance Reports**

A search of the NCPL database, dated Dec 31, 2018 has found that there are 6 NCPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	248.6	<a href="#"><u>21</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	248.6	<a href="#"><u>21</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	248.6	<a href="#">21</a>

### **NPCB - National PCB Inventory**

A search of the NPCB database, dated 1988-2008\* has found that there are 2 NPCB site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY OF CANADA	9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>

### **OPCB - Inventory of PCB Storage Sites**

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 1 OPCB site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	248.6	<a href="#">21</a>

### **PES - Pesticide Register**

A search of the PES database, dated 1988-Dec 2019 has found that there are 2 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	248.7	<a href="#">28</a>
T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	248.7	<a href="#">28</a>

## **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 7 SCT site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
SWS Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
SWS Star Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	0.0	<a href="#"><u>6</u></a>
Alo North America Inc.	8485 Montrose Rd Niagara Falls ON L2H 3L7	0.0	<a href="#"><u>8</u></a>
Reid Signs	8825 Montrose Rd Niagara Falls ON L2E 6S5	87.0	<a href="#"><u>14</u></a>
E.S. Fox Ltd.	9127 Montrose Rd Niagara Falls ON L2E 6S5	248.6	<a href="#"><u>21</u></a>
Modern Mosaic Ltd.	8620 Oakwood Dr Niagara Falls ON L2E 6S5	249.2	<a href="#"><u>26</u></a>
MODERN MOSAIC LTD	8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	249.2	<a href="#"><u>26</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jun 2019 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Corporation of the City of Niagara Falls	8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	0.0	<a href="#"><u>9</u></a>
The Regional Municipality of Niagara	8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON	50.6	<a href="#"><u>12</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR CO. OF CANADA LTD.	WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	250.1	<a href="#">23</a>
FORD MOTOR CO. OF CANADA LTD.	9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	250.1	<a href="#">23</a>
Modern Mosaic Limited	8620 Oakwood Dr Niagara Falls ON L2E 6S5	249.2	<a href="#">26</a>
Enbridge Gas Distribution Inc.	7846 Hackberry Trail Niagara Falls ON	211.6	<a href="#">32</a>

### **SRDS - Wastewater Discharger Registration Database**

A search of the SRDS database, dated 1990-Dec 31, 2017 has found that there are 1 SRDS site(s) within approximately 0.25 kilometers of the project property.

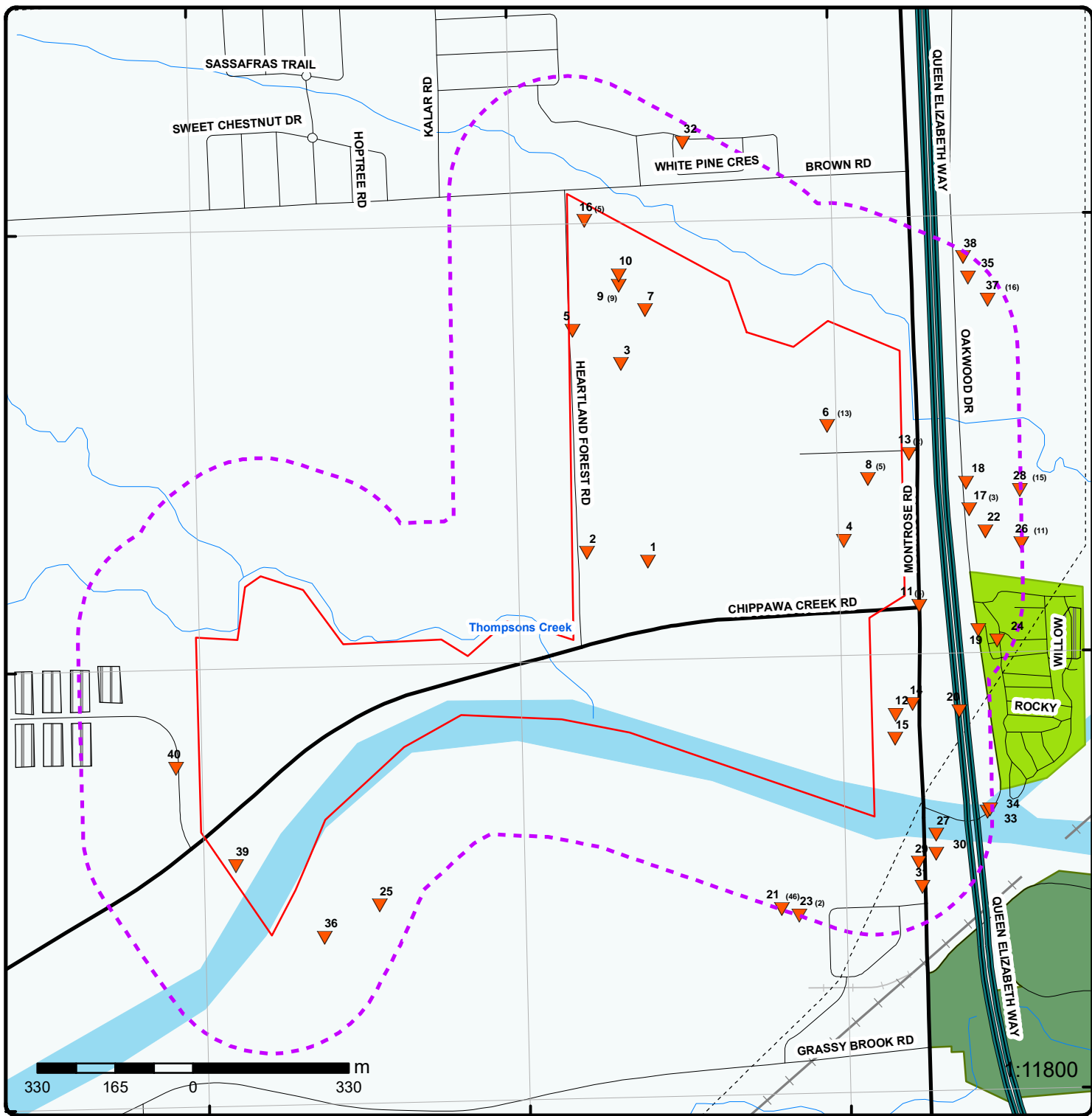
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY	NIAGARA FALLS ON	248.6	<a href="#">21</a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 13 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	con 210 Niagara Falls ON <i>Well ID:</i> 7108580	0.0	<a href="#">2</a>
	Niagara Falls ON <i>Well ID:</i> 7191624	0.0	<a href="#">7</a>
	Niagara Falls ON	0.0	<a href="#">10</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7191623		
	lot 211 ON	135.2	<a href="#"><u>18</u></a>
	<i>Well ID:</i> 6601398		
	lot 211 ON	171.1	<a href="#"><u>19</u></a>
	<i>Well ID:</i> 6601401		
	lot 211 ON	216.7	<a href="#"><u>24</u></a>
	<i>Well ID:</i> 6601397		
	lot 3 ON	177.0	<a href="#"><u>25</u></a>
	<i>Well ID:</i> 6600615		
	ON	239.8	<a href="#"><u>33</u></a>
	<i>Well ID:</i> 6601403		
	lot 211 ON	244.9	<a href="#"><u>34</u></a>
	<i>Well ID:</i> 6601399		
	lot 211 ON	212.4	<a href="#"><u>35</u></a>
	<i>Well ID:</i> 6601402		
	ON	101.3	<a href="#"><u>36</u></a>
	<i>Well ID:</i> 7289552		
	ON	239.7	<a href="#"><u>38</u></a>
	<i>Well ID:</i> 6601226		
	NIAGARA FALLS ON	49.7	<a href="#"><u>40</u></a>
	<i>Well ID:</i> 6604849		



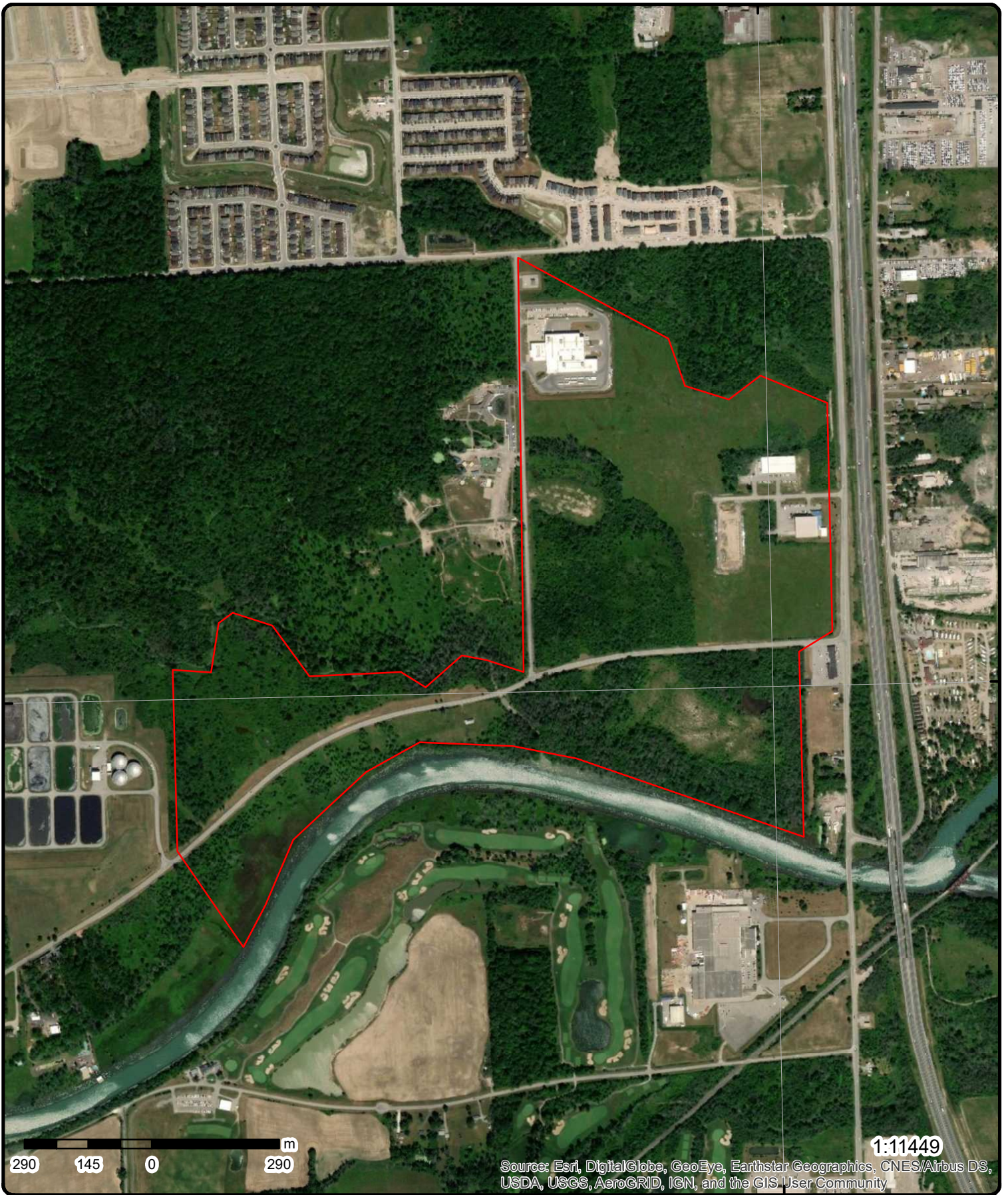
### Map : 0.25 Kilometer Radius

Order Number: 20190527055

Address: Chippawa Creek Road and Garner Road, Niagara Falls, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Ferry Route/Ice Road		



**Aerial** Year: 2018

**Address: Chippawa Creek Road and Garner Road, Niagara Falls, ON**

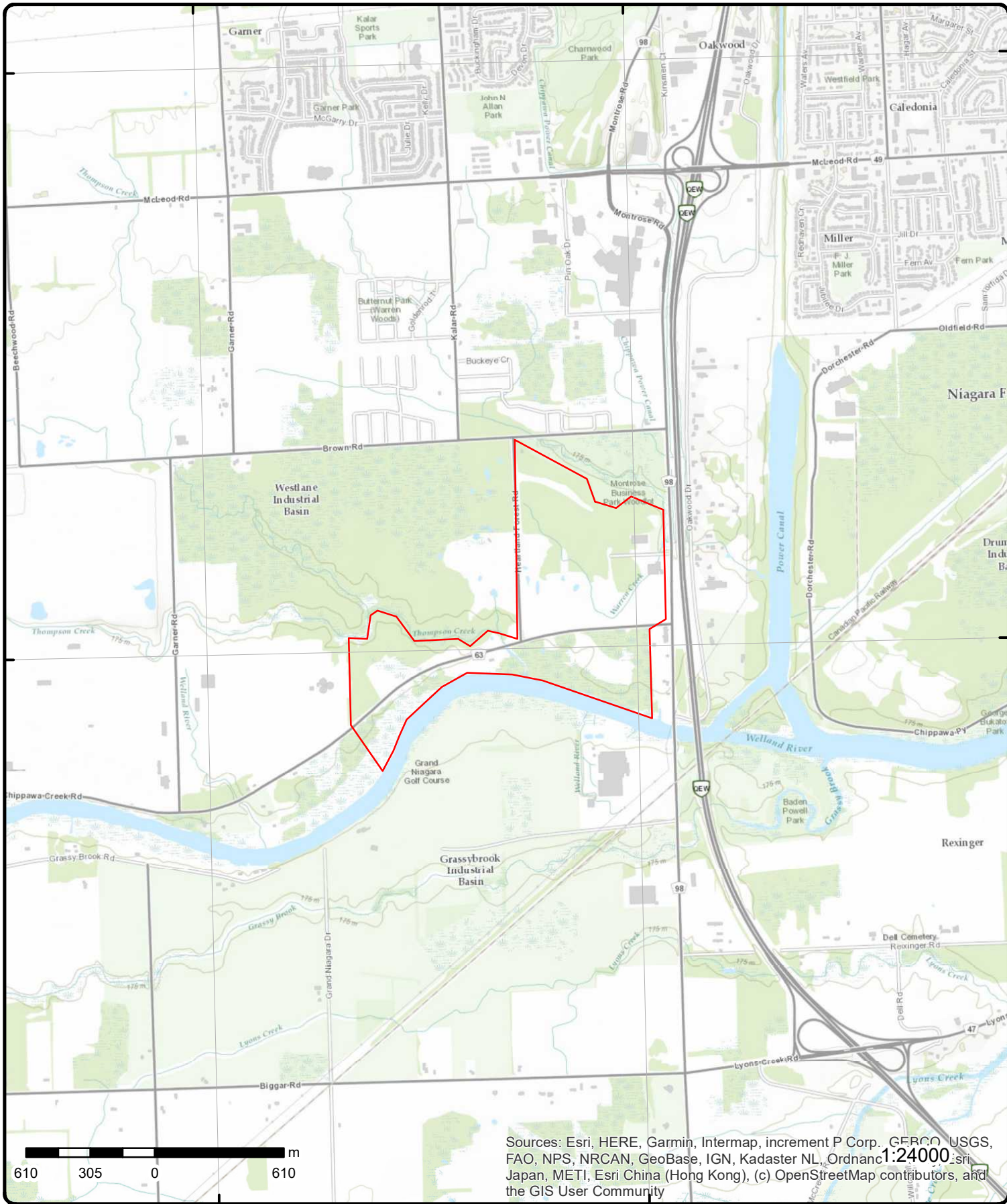
Source: ESRI World Imagery

Order Number: 20190527055



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# Topographic Map

Address: Chippawa Creek Road and Garner Road, ON

Source: ESRI World Topographic Map

Order Number: 20190527055



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	ENE/0.0	182.7 / -2.97	No address Niagara Falls ON	EHS
<b>Order No:</b> 20080130015 <b>Status:</b> C <b>Report Type:</b> Basic Report <b>Report Date:</b> 2/8/2008 <b>Date Received:</b> 1/30/2008 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		<b>Nearest Intersection:</b> Kalar Rd & Chippawa Creek Rd <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> -79.130002 <b>Y:</b> 43.051866			
<u>2</u>	1 of 1	WNW/0.0	183.8 / -1.85	con 210 Niagara Falls ON	WWIS
<b>Well ID:</b> 7108580 <b>Construction Date:</b> <b>Primary Water Use:</b> Not Used <b>Sec. Water Use:</b> <b>Final Well Status:</b> Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> M00887 <b>Tag:</b> A070880 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 7/22/2008 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 7238 <b>Form Version:</b> 5 <b>Owner:</b> <b>Street Name:</b> CHIPPEWA CREEK RD. / KALAR RD. <b>County:</b> NIAGARA (WELLAND) <b>Municipality:</b> NIAGARA FALLS CITY (STAMFORD) <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> 210 <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 1002676355 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> This is a record from cluster log sheet <b>Date Completed:</b> <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b>		<b>Elevation:</b> 177.319793 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 652377 <b>North83:</b> 4768284 <b>Org CS:</b> UTM83 <b>UTMRC:</b> 3 <b>UTMRC Desc:</b> margin of error : 10 - 30 m <b>Location Method:</b> wwr			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Supplier Comment:</b>					
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1002676359			
<b>Layer:</b>					
<b>Plug From:</b>					
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>					
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b>		ROTARY			
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002676360			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002676362			
<b>Layer:</b>					
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>					
<b>Depth To:</b>		1.5			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>					
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002676361			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>		1.5			
<b>Screen End Depth:</b>		4.5			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>					
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1002676363			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Rate UOM:</b>					
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1002676357					
<b>Diameter:</b> 15					
<b>Depth From:</b>					
<b>Depth To:</b> 4.5					
<b>Hole Depth UOM:</b> m					
<b>Hole Diameter UOM:</b> cm					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 1002676364					
<b>DP2BR:</b>					
<b>Spatial Status:</b>					
<b>Code OB:</b>					
<b>Code OB Desc:</b>					
<b>Open Hole:</b>					
<b>Cluster Kind:</b> This is a record from cluster log sheet					
<b>Date Completed:</b>					
<b>Remarks:</b>					
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b> 1002676368					
<b>Layer:</b>					
<b>Plug From:</b>					
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>					
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>					
<b>Method Construction:</b>					
<b>Other Method Construction:</b> ROTARY					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b> 1002676369					
<b>Casing No:</b> 0					
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<hr/>					
<b>Casing ID:</b>		1002676371			
<b>Layer:</b>					
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>					
<b>Depth To:</b>		1.5			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>					
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002676370			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>		1.5			
<b>Screen End Depth:</b>		4.5			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>					
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		1002676372			
<b>Pump Set At:</b>					
<b>Static Level:</b>					
<b>Final Level After Pumping:</b>					
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>					
<b>Rate UOM:</b>					
<b>Water State After Test Code:</b>					
<b>Water State After Test:</b>					
<b>Pumping Test Method:</b>					
<b>Pumping Duration HR:</b>					
<b>Pumping Duration MIN:</b>					
<b>Flowing:</b>					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002676366			
<b>Diameter:</b>		15			
<b>Depth From:</b>					
<b>Depth To:</b>		4.5			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	1001677135			<b>Elevation:</b>	176.452285
<b>DP2BR:</b>				<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>				<b>East83:</b>	652165
<b>Code OB Desc:</b>				<b>North83:</b>	4768289
<b>Open Hole:</b>				<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>				<b>UTMRC:</b>	3
<b>Date Completed:</b>	3/19/2008			<b>UTMRC Desc:</b>	margin of error : 10 - 30 m
<b>Remarks:</b>				<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1002676374			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		4.5			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1002676376			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1002676377			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		4.5			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		2			
<b>Method Construction:</b>		Rotary (Convent.)			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1002676373			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1002676378			
<b>Layer:</b>		1			
<b>Material:</b>		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		4.5			
<b>Depth To:</b>		0			
<b>Casing Diameter:</b>		5.1			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1002676379			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6.4			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1002676375			
<b>Diameter:</b>		15			
<b>Depth From:</b>		0			
<b>Depth To:</b>		4.5			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<u>3</u>	1 of 1	N/0.0	174.8 / -10.85	8208 Heartland Forest Road Niagara Falls ON L2H 0A6	EHS
<b>Order No:</b>		20190604007		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		07-JUN-19		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		04-JUN-19		<b>X:</b> -79.130585	
<b>Previous Site Name:</b>				<b>Y:</b> 43.055636	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<u>4</u>	1 of 1	E/0.0	174.8 / -10.85	210 Montrose Road Niagara Falls ON	EHS
<b>Order No:</b>		20190301053		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		Standard Report		<b>Client Prov/State:</b> ON	
<b>Report Date:</b>		07-MAR-19		<b>Search Radius (km):</b> .25	
<b>Date Received:</b>		01-MAR-19		<b>X:</b> -79.124902	
<b>Previous Site Name:</b>				<b>Y:</b> 43.052179	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; Aerial Photos			
<u>5</u>	1 of 1	NNW/0.0	174.8 / -10.85	City of Niagara Falls 8280 Kalar Rd NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>		012-1325		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		SR 1350934		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Proposal		<b>Section:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Notice Stage:</b>				<b>Act 1:</b>	
<b>Notice Date:</b>				<b>Act 2:</b>	
<b>Proposal Date:</b>	March 13, 2014			<b>Site Location Map:</b>	
<b>Year:</b>	2014				
<b>Instrument Type:</b>	(Liquid Fuels Handling Code) - Liquid Fuels Handling Code Section				
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>					
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>	4320 Bridge Street, Niagara Falls Ontario, Canada L2E 2R7				
<b>Comment Period:</b>					
<b>URL:</b>					

**Site Location Details:**

8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS

<u>6</u>	1 of 13	ENE/0.0	174.8 / -10.85	SWS Star Warning Systems Inc. 7695 Blackburn Pky Niagara Falls ON L2H 0A6	SCT
<b>Established:</b>	1976				
<b>Plant Size (ft²):</b>	38000				
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>	Other Communications Equipment Manufacturing				
<b>SIC/NAICS Code:</b>	334290				
<b>Description:</b>	Semiconductor and Other Electronic Component Manufacturing				
<b>SIC/NAICS Code:</b>	334410				
<b>Description:</b>	Electric Lamp Bulb and Parts Manufacturing				
<b>SIC/NAICS Code:</b>	335110				
<b>Description:</b>	Lighting Fixture Manufacturing				
<b>SIC/NAICS Code:</b>	335120				
<b>Description:</b>	Motor Vehicle Electrical and Electronic Equipment Manufacturing				
<b>SIC/NAICS Code:</b>	336320				

<u>6</u>	2 of 13	ENE/0.0	174.8 / -10.85	SWS Star Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	06,07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	Lighting Fixture Manufacturing				

**Detail(s)**

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">6</a>	3 of 13	ENE/0.0	174.8 / -10.85	SWS Warning Systems Inc. 7695 Blackburn Pky Niagara Falls ON L2H 0A6	SCT
<b>Established:</b>		01-JUL-76			
<b>Plant Size (ft²):</b>		38000			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Lighting Fixture Manufacturing			
<b>SIC/NAICS Code:</b>		335120			
<b>Description:</b>		Semiconductor and Other Electronic Component Manufacturing			
<b>SIC/NAICS Code:</b>		334410			
<b>Description:</b>		Other Communications Equipment Manufacturing			
<b>SIC/NAICS Code:</b>		334290			
<b>Description:</b>		Motor Vehicle Electrical and Electronic Equipment Manufacturing			
<b>SIC/NAICS Code:</b>		336320			
<b>Description:</b>		Electric Lamp Bulb and Parts Manufacturing			
<b>SIC/NAICS Code:</b>		335110			
<b>Description:</b>		Lighting Fixture Manufacturing			
<b>SIC/NAICS Code:</b>		335120			
<a href="#">6</a>	4 of 13	ENE/0.0	174.8 / -10.85	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>		ON8233091		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2009		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		335120			
<b>SIC Description:</b>		Lighting Fixture Manufacturing			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">6</a>	5 of 13	ENE/0.0	174.8 / -10.85	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>		ON8233091		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2010		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Code:</b> <b>SIC Description:</b>	335120			Lighting Fixture Manufacturing	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212			ALIPHATIC SOLVENTS	
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213			PETROLEUM DISTILLATES	
<b><u>6</u></b>	<b>6 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091  2011   335120			Lighting Fixture Manufacturing	
				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213			PETROLEUM DISTILLATES	
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212			ALIPHATIC SOLVENTS	
<b><u>6</u></b>	<b>7 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091  2012   335120			Lighting Fixture Manufacturing	
				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213			PETROLEUM DISTILLATES	
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212			ALIPHATIC SOLVENTS	
<b><u>6</u></b>	<b>8 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b>	ON8233091  2013   335120				
				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		LIGHTING FIXTURE MANUFACTURING			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b><u>6</u></b>	<b>9 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Tom Chopp
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	9053570222 Ext.
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	LIGHTING FIXTURE MANUFACTURING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	113				
<b>Waste Class Desc:</b>	ACID WASTE - OTHER METALS				
<b><u>6</u></b>	<b>10 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Tom Chopp
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	9053570222 Ext.
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	LIGHTING FIXTURE MANUFACTURING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b><u>6</u></b>	<b>11 of 13</b>	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Tom Chopp

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	No 335120			<b>Phone No Admin:</b> 9053570222 Ext.	
		LIGHTING FIXTURE MANUFACTURING			
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212	ALIPHATIC SOLVENTS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213	PETROLEUM DISTILLATES			

<u>6</u>	12 of 13	ENE/0.0	174.8 / -10.85	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091 Registered As of Dec 2018			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	113 C	Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 H	Aliphatic solvents and residues			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 I	Petroleum distillates			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 L	Petroleum distillates			

<u>6</u>	13 of 13	ENE/0.0	174.8 / -10.85	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091 Registered As of Oct 2019			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	113 C	Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 L	Petroleum distillates			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 H	Aliphatic solvents and residues			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			

<a href="#">7</a>	1 of 1	N/0.0	174.8 / -10.85	Niagara Falls ON	WWIS
<b>Well ID:</b>	7191624			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	11/16/2012
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7472
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z159652			<b>Owner:</b>	
<b>Tag:</b>	A139208			<b>Street Name:</b>	KALAU RD + BROWN RD
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	1004205176	<b>Elevation:</b>	177.897323
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	652288
<b>Code OB Desc:</b>		<b>North83:</b>	4768803
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	6/7/2012	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	1004531033
<b>Layer:</b>	1
<b>Color:</b>	8
<b>General Color:</b>	BLACK
<b>Mat1:</b>	02
<b>Most Common Material:</b>	TOPSOIL
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	0.3
<b>Formation End Depth UOM:</b>	m

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531034			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Mat3:</b>		75			
<b>Other Materials:</b>		LIGHT-COLOURED			
<b>Formation Top Depth:</b>		0.3			
<b>Formation End Depth:</b>		3.3			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531035			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		3.3			
<b>Formation End Depth:</b>		15.2			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004531042			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		11.6			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004531032			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1004531038			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		12.2			
<b>Casing Diameter:</b>		5.2			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1004531039			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		12.2			
<b>Screen End Depth:</b>		15.2			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6.4			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1004531036			
<b>Diameter:</b>		21			
<b>Depth From:</b>		0			
<b>Depth To:</b>		15.2			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			
<hr/>					
<b>8</b>	1 of 5	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>Alo North America Inc. 8485 Montrose Rd Niagara Falls ON L2H 3L7</b>	<b>SCT</b>
<b>Established:</b>		01-AUG-96			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		417230			
<b>Description:</b>		Farm, Lawn and Garden Machinery and Equipment Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		417110			
<hr/>					
<b>8</b>	2 of 5	<b>ENE/0.0</b>	<b>174.8 / -10.85</b>	<b>Alo North America Inc. 8485 Montrose Rd. Niagara Falls ON L2H 3L7</b>	<b>GEN</b>
<b>Generator No:</b>	ON6044961			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	05,06			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	493190				
<b>SIC Description:</b>	Other Warehousing and Storage				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<u>8</u>	3 of 5	ENE/0.0	174.8 / -10.85	Alo North America Inc. 8485 Montrose Rd. Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>	ON6044961			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	493190				
<b>SIC Description:</b>	Other Warehousing and Storage				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	4 of 5	ENE/0.0	174.8 / -10.85	Alo North America, Inc 8485 Montrose Road Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	5 of 5	ENE/0.0	174.8 / -10.85	Alo North America, Inc 8485 Montrose Road Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>9</u>	1 of 9	N/0.0	174.8 / -10.85	The Corporation of the City of Niagara Falls 8208 Kalar Rd Niagara Falls ON L2E 6X5	ECA



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>	2296-9AMJQP 2013-08-29 Approved ECA IDS			<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 8208 Kalar Rd <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5983-974PJ4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5983-974PJ4-14.pdf</a>	

<a href="#">9</a>	2 of 9	N/0.0	174.8 / -10.85	<b>City of Niagara Falls</b> <b>8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS</b> <b>ON</b>	<b>EBR</b>
<b>EBR Registry No:</b> <b>Ministry Ref No:</b> <b>Notice Type:</b> <b>Notice Stage:</b> <b>Notice Date:</b> <b>Proposal Date:</b> <b>Year:</b> <b>Instrument Type:</b> <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> <b>Comment Period:</b> <b>URL:</b>	012-1325 SR 1350934 Instrument Decision 819266001 April 14, 2014 March 13, 2014 2014 (Liquid Fuels Handling Code) - Liquid Fuels Handling Code Section			<b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b>	
<b>Site Location Details:</b>					
8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS					

<a href="#">9</a>	3 of 9	N/0.0	174.8 / -10.85	<b>8208 HEARTLAND FOREST ROAD, NIAGARA FALLS</b> <b>ON</b>	<b>INC</b>
<b>Incident No:</b> <b>Incident ID:</b> <b>Attribute Category:</b> <b>Status Code:</b> <b>Incident Location:</b> <b>Drainage System:</b> <b>Sub Surface Contam.:</b> <b>Aff. Prop. Use Water:</b> <b>Contam. Migrated:</b> <b>Contact Natural Env.:</b> <b>Near Body of Water:</b> <b>Approx. Quant. Rel.:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Residential App. Type:</b> <b>Commercial App. Type:</b> <b>Industrial App. Type:</b> <b>Institutional App. Type:</b>	1935036 FS-Perform L1 Incident Insp 8208 HEARTLAND FOREST ROAD, NIAGARA FALLS - LEAK				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Venting Type:</b> <b>Vent Connector Mater:</b> <b>Vent Chimney Mater:</b> <b>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Equipment Type:</b> <b>Cylinder Capacity:</b> <b>Cylinder Capac. Units:</b> <b>Cylinder Material Type:</b> <b>Tank Capacity:</b> <b>Fuels Occurence Type:</b> Liquid Petroleum Spill <b>Fuel Type Involved:</b> Diesel <b>Date of Occurence:</b> 2016/09/01 00:00:00 <b>Time of Occurence:</b> 20:30:00 <b>Occur Insp Start Date:</b> 2016/09/07 00:00:00 <b>Any Health Impact:</b> No <b>Any Environmental Impact:</b> No <b>Was Service Interrupted:</b> No <b>Was Property Damaged:</b> No <b>Operation Type Involved:</b> Private Fuel Outlet <b>Enforcement Policy:</b> NULL <b>Prc Escalation Required:</b> NULL <b>Task No:</b> 6311198 <b>Notes:</b> <b>Occurence Narrative:</b> spill of diesel to interceptor - posilock nozzle overflow <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Capac:</b> <b>Liquid Prop Notes:</b>					

<a href="#">9</a>	4 of 9	N/0.0	174.8 / -10.85	The Corporation of the City of Niagara Falls 8208 Kalar Rd Niagara Falls ON L2E 6X5	ECA
<b>Approval No:</b> 7474-AEUHRP <b>Approval Date:</b> 2016-10-18 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 8208 Kalar Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3154-9KQHGX-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3154-9KQHGX-14.pdf</a>					
<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>					

<a href="#">9</a>	5 of 9	N/0.0	174.8 / -10.85	The Corporation of the City of Niagara Falls 8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	SPL
<b>Ref No:</b> 8550-ADE6H6 <b>Site No:</b> 1350-974PHN <b>Incident Dt:</b> 9/1/2016					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Overflow/Surcharge			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL			<b>Site Address:</b>	8208 Heartland Forest Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2H 2Y6
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4768784
<b>MOE Response:</b>				<b>Easting:</b>	652141
<b>Dt MOE Arvl on Scn:</b>	9/2/2016			<b>Site Geo Ref Accu:</b>	GPS
<b>MOE Reported Dt:</b>	9/1/2016			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	9/2/2016			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	City of Niagara Falls Transit Services (We Go terminal)				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	1-10 metres eg. Good Quality GPS				
<b>Incident Summary:</b>	200 L of dsl to drain from Go Transit bus at Niagara Falls bust depot				
<b>Contaminant Qty:</b>	150 L				

<u>9</u>	6 of 9	N/0.0	174.8 / -10.85	City Of Niagara Falls 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	John Lehocki
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-356-7521 Ext.4528
<b>SIC Code:</b>	485110				
<b>SIC Description:</b>	485110				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				

<u>9</u>	7 of 9	N/0.0	174.8 / -10.85	City Of Niagara Falls 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	John Lehocki
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-356-7521 Ext.4528
<b>SIC Code:</b>	485110				
<b>SIC Description:</b>	485110				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<u>9</u>	8 of 9	N/0.0	174.8 / -10.85	City Of Niagara Falls Transit Services 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670	<b>PO Box No:</b>			
<b>Status:</b>	Registered	<b>Country:</b>	Canada		
<b>Approval Years:</b>	As of Dec 2018	<b>Choice of Contact:</b>			
<b>Contam. Facility:</b>		<b>Co Admin:</b>			
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>			
<b>SIC Code:</b>					
<b>SIC Description:</b>					

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		213 T			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			

<u>9</u>	9 of 9	N/0.0	174.8 / -10.85	City Of Niagara Falls Transit Services 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670	<b>PO Box No:</b>			
<b>Status:</b>	Registered	<b>Country:</b>	Canada		
<b>Approval Years:</b>	As of Oct 2019	<b>Choice of Contact:</b>			
<b>Contam. Facility:</b>		<b>Co Admin:</b>			
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>			
<b>SIC Code:</b>					
<b>SIC Description:</b>					

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		251 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		213 T			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			

<a href="#">10</a>	1 of 1	N/0.0	174.8 / -10.85	Niagara Falls ON	WWIS
<b>Well ID:</b>	7191623			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	11/16/2012
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7472
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z159653			<b>Owner:</b>	
<b>Tag:</b>	A139207			<b>Street Name:</b>	KALAU RD + BROWN RD
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	1004205173	<b>Elevation:</b>	176.966354
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	652232
<b>Code OB Desc:</b>		<b>North83:</b>	4768877
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	6/7/2012	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**  
**Materials Interval**

<b>Formation ID:</b>	1004531022
<b>Layer:</b>	1
<b>Color:</b>	8
<b>General Color:</b>	BLACK
<b>Mat1:</b>	02
<b>Most Common Material:</b>	TOPSOIL

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		0.3			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531024			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>		85			
<b>Other Materials:</b>		SOFT			
<b>Formation Top Depth:</b>		3.3			
<b>Formation End Depth:</b>		15.2			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531023			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Other Materials:</b>		SILT			
<b>Mat3:</b>		75			
<b>Other Materials:</b>		LIGHT-COLOURED			
<b>Formation Top Depth:</b>		0.3			
<b>Formation End Depth:</b>		3.3			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004531031			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		11.6			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004531021			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing No:</b> 0 <b>Comment:</b> <b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b> 1004531027 <b>Layer:</b> 1 <b>Material:</b> 5 <b>Open Hole or Material:</b> PLASTIC <b>Depth From:</b> 0 <b>Depth To:</b> 12.2 <b>Casing Diameter:</b> 5.2 <b>Casing Diameter UOM:</b> cm <b>Casing Depth UOM:</b> m					
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b> 1004531028 <b>Layer:</b> 1 <b>Slot:</b> 10 <b>Screen Top Depth:</b> 12.2 <b>Screen End Depth:</b> 15.2 <b>Screen Material:</b> 5 <b>Screen Depth UOM:</b> m <b>Screen Diameter UOM:</b> cm <b>Screen Diameter:</b> 6.4					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1004531025 <b>Diameter:</b> 21 <b>Depth From:</b> 0 <b>Depth To:</b> 15.2 <b>Hole Depth UOM:</b> ft <b>Hole Diameter UOM:</b> inch					
<a href="#">16</a>	1 of 5	N/0.0	174.8 / -10.85	The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	CA
<b>Certificate #:</b> 7220-7CGMUU <b>Application Year:</b> 2008 <b>Issue Date:</b> 3/7/2008 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">16</a>	2 of 5	N/0.0	174.8 / -10.85	The Corporation of the City of Niagara Falls 8108 Kalar Niagara Falls ON	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Certificate #:</b> 9169-77ZLZL <b>Application Year:</b> 2007 <b>Issue Date:</b> 10/18/2007 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Revoked and/or Replaced <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">16</a>	3 of 5	N/0.0	174.8 / -10.85	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b> 7220-7CGMUU <b>Approval Date:</b> 2008-03-07 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4703-7C7RRT-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4703-7C7RRT-14.pdf</a>					
<a href="#">16</a>	4 of 5	N/0.0	174.8 / -10.85	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b> 9169-77ZLZL <b>Approval Date:</b> 2007-10-18 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6627-75PNZN-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6627-75PNZN-14.pdf</a>					
<a href="#">16</a>	5 of 5	N/0.0	174.8 / -10.85	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b> 1793-77FJMA <b>Approval Date:</b> 2007-10-18 <b>MOE District:</b> <b>City:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/9136-75PNV7-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/9136-75PNV7-14.pdf</a>				

<a href="#">39</a>	1 of 1	WSW/0.0	170.7 / -15.00	7047 Reixinger Road Niagara Falls ON	EHS
<b>Order No:</b>	20120906019			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-SEP-12			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-SEP-12			<b>X:</b>	-79.140888
<b>Previous Site Name:</b>				<b>Y:</b>	43.046238
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<a href="#">11</a>	1 of 5	E/38.0	176.1 / -9.57	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	CA
<b>Certificate #:</b>	7973-52RM58				
<b>Application Year:</b>	01				
<b>Issue Date:</b>	9/21/01				
<b>Approval Type:</b>	Municipal & Private sewage				
<b>Status:</b>	Approved				
<b>Application Type:</b>	New Certificate of Approval				
<b>Client Name:</b>	The Corporation of the City of Niagara Falls				
<b>Client Address:</b>	4310 Queen Street				
<b>Client City:</b>	Niagara Falls				
<b>Client Postal Code:</b>	L2E 6X5				
<b>Project Description:</b>	This application is for the construction of sanitary sewer on Q.E.W., Chippawa Creek Road and Montrose Road.				
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">11</a>	2 of 5	E/38.0	176.1 / -9.57	QEW, Chippawa Creek Road, Montrose Road QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	CA
<b>Certificate #:</b>	9054-52RMAF				
<b>Application Year:</b>	01				
<b>Issue Date:</b>	9/21/01				
<b>Approval Type:</b>	Municipal & Private water				
<b>Status:</b>	Approved				
<b>Application Type:</b>	New Certificate of Approval				
<b>Client Name:</b>	The Corporation of the City of Niagara Falls				
<b>Client Address:</b>	4310 Queen Street				
<b>Client City:</b>	Niagara Falls				
<b>Client Postal Code:</b>	L2E 6X5				
<b>Project Description:</b>	This application is for the construction of watermain on Chippawa Creek Road.				
<b>Contaminants:</b>					
<b>Emission Control:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">11</a>	3 of 5	E/38.0	176.1 / -9.57	NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	HINC
<b>External File Num:</b> <b>Fuel Occurrence Type:</b> <b>Date of Occurrence:</b> <b>Fuel Type Involved:</b> <b>Status Desc:</b> <b>Job Type Desc:</b> <b>Oper. Type Involved:</b> <b>Service Interruptions:</b> <b>Property Damage:</b> <b>Fuel Life Cycle Stage:</b> <b>Root Cause:</b> <b>Reported Details:</b> <b>Fuel Category:</b> <b>Occurrence Type:</b> <b>Affiliation:</b> <b>County Name:</b> <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>		FS INC 0805-01904 Vapour Release 5/1/2008 Natural Gas Completed - No Action Required Incident/Near-Miss Occurrence (FS) Construction Site (pipeline strike) No No Transmission, Distribution and Transportation  Gaseous Fuel Incident Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.) Niagara			
<a href="#">11</a>	4 of 5	E/38.0	176.1 / -9.57	The Corporation of the City of Niagara Falls QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		9054-52RMAF 2001-09-21 Approved ECA IDS  ECA-Municipal and Private Water Works Municipal and Private Water Works QEW, Chippawa Creek Road and Montrose Road			
				<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">11</a>	5 of 5	E/38.0	176.1 / -9.57	The Corporation of the City of Niagara Falls QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		7973-52RM58 2001-09-21 Approved ECA IDS  ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS QEW, Chippawa Creek Road and Montrose Road  https://www.accessenvironment.ene.gov.on.ca/instruments/9775-52PL7U-14.pdf			
				<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">12</a>	1 of 1	ESE/50.6	181.5 / -4.23	The Regional Municipality of Niagara 8675 Montrose Road, Niagara Falls; 3450 Stanley	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON</b>	
<b>Ref No:</b>	6315-B4WL6A			<b>Discharger Report:</b>	
<b>Site No:</b>	NA; 2652-5E2MNX; 9082-6V5SPS			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/09/24			<b>Health/Env Conseq:</b>	0 - No Impact
<b>Year:</b>				<b>Client Type:</b>	Municipal Government
<b>Incident Cause:</b>				<b>Sector Type:</b>	Municipal Sewage
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	44			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	GREY WATER			<b>Site Address:</b>	8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara; Niagara; Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6V8; NA
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls; Niagara Falls; Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	NA; NA
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4768163.09; 4776463; NA
<b>MOE Response:</b>	Yes			<b>Easting:</b>	652860.85; 655732; NA
<b>Dt MOE Arvl on Scn:</b>	2018/09/24			<b>Site Geo Ref Accu:</b>	NA; NA
<b>MOE Reported Dt:</b>	2018/09/24			<b>Site Map Datum:</b>	NAD83; NA
<b>Dt Document Closed:</b>	2018/10/03			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Sewer (Private or Municipal)
<b>Site Name:</b>	8675 Montrose Road, Niagara Falls<UNOFFICIAL>; WW Niagara Falls - Stamford WPCP; Grassy Brook				
<b>Site County/District:</b>	Regional Municipality of Niagara; Regional Municipality of Niagara; Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>	10 -100 metres eg. Topographic Map; NA				
<b>Incident Summary:</b>	DWMD WW Spill - Niagara Falls WPCP - 500L spill of grey water- Sep 24 18				
<b>Contaminant Qty:</b>	500 L				
<b>13</b>	1 of 2	<b>ENE/15.7</b>	<b>174.8 / -10.85</b>	<b>Alo North America, Inc 8485 Montrose Road Niagara Falls ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	All Other Machinery Equipment and Supplies Wholesaler-Distributors				
<b>13</b>	2 of 2	<b>ENE/15.7</b>	<b>174.8 / -10.85</b>	<b>Alo North America, Inc 8485 Montrose Road Niagara Falls ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>14</b>	1 of 1	<b>ESE/87.0</b>	<b>178.2 / -7.51</b>	<b>Reid Signs 8825 Montrose Rd Niagara Falls ON L2E 6S5</b>	<b>SCT</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Established:</b>		1993			
<b>Plant Size (ft²):</b>		2000			
<b>Employment:</b>		1			
<b>--Details--</b>					
<b>Description:</b>		Sign Manufacturing			
<b>SIC/NAICS Code:</b>		339950			
<a href="#">15</a>	1 of 1	ESE/48.7	180.4 / -5.29	8675 Montrose Rd Niagara Falls ON L2H0Z9	EHS
<b>Order No:</b>		20170519045	<b>Nearest Intersection:</b>		
<b>Status:</b>		C	<b>Municipality:</b>		
<b>Report Type:</b>		Custom Report	<b>Client Prov/State:</b> ON		
<b>Report Date:</b>		26-MAY-17	<b>Search Radius (km):</b> .35		
<b>Date Received:</b>		19-MAY-17	<b>X:</b> -79.123679		
<b>Previous Site Name:</b>			<b>Y:</b> 43.048381		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans			
<a href="#">17</a>	1 of 3	E/140.0	174.8 / -10.85	The Regional Municipality of Niagara 8555 Oakwood Dr Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b>		2369-7P6R8E			
<b>Application Year:</b>		2009			
<b>Issue Date:</b>		2/17/2009			
<b>Approval Type:</b>		Municipal and Private Sewage Works			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">17</a>	2 of 3	E/140.0	174.8 / -10.85	The Regional Municipality of Niagara 8555 Oakwood Dr Niagara Falls ON L2V 4T7	ECA
<b>Approval No:</b>		2369-7P6R8E			
<b>Approval Date:</b>		2009-02-17			
<b>Status:</b>		Approved			
<b>Record Type:</b>		ECA			
<b>Link Source:</b>		IDS			
<b>SWP Area Name:</b>					
<b>Approval Type:</b>		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Project Type:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Address:</b>		8555 Oakwood Dr			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2181-7NNKYR-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2181-7NNKYR-14.pdf</a>			
<a href="#">17</a>	3 of 3	E/140.0	174.8 / -10.85	The Regional Municipality of Niagara 8555 Oakwood Dr Niagara Falls ON L2V 4T7	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No:	0397-7NNHUF			MOE District:	
Approval Date:	2009-02-05			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	8555 Oakwood Dr				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3927-7LLRMK-14.pdf				

<a href="#">18</a>	1 of 1	E/135.2	174.8 / -10.85	lot 211 ON	WWIS
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Well ID:	6601398			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/9/1954
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5425
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	NIAGARA (WELLAND)
Elevation (m):				Municipality:	NIAGARA FALLS CITY
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	211
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

**Bore Hole Information**

Bore Hole ID:	10461132			Elevation:	174.723968
DP2BR:	81			Elevrc:	
Spatial Status:				Zone:	17
Code OB:	r			East83:	652967.9
Code OB Desc:	Bedrock			North83:	4768438
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/12/1954			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock  
Materials Interval**

Formation ID:	932591598				
Layer:	2				
Color:	6				
General Color:	BROWN				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		22			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591597			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>		05			
<b>Other Materials:</b>		CLAY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591602			
<b>Layer:</b>		6			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		81			
<b>Formation End Depth:</b>		83			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591600			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		56			
<b>Formation End Depth:</b>		68			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591601			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		68			
<b>Formation End Depth:</b>		81			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591599			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		22			
<b>Formation End Depth:</b>		56			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009702			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749077			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		81			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<b>Casing ID:</b>		930749078			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		83			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601398			
<b>Pump Set At:</b>					
<b>Static Level:</b>		18			
<b>Final Level After Pumping:</b>		18			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		15			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948677			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		82			
<b>Water Found Depth UOM:</b>		ft			
<hr/>					
<a href="#">19</a>	1 of 1	E/171.1	174.8 / -10.85	lot 211 ON	WWIS
<b>Well ID:</b>	6601401			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	1/12/1960
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	211
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10461135			<b>Elevation:</b>	174.96347
<b>DP2BR:</b>	61			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	652992.9
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4768127
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	7/14/1959			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591618				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	08				
<b>Most Common Material:</b>	FINE SAND				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	44				
<b>Formation End Depth:</b>	61				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591616				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	18				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591617				
<b>Layer:</b>	2				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>	09				
<b>Other Materials:</b>	MEDIUM SAND				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		18			
<b>Formation End Depth:</b>		44			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591619			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		61			
<b>Formation End Depth:</b>		63			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009705			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749083			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		63			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749082			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		61			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601401			
<b>Pump Set At:</b>					
<b>Static Level:</b>		14			
<b>Final Level After Pumping:</b>		63			
<b>Recommended Pump Depth:</b>		60			
<b>Pumping Rate:</b>		20			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		20			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		5			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948680			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		44			
<b>Water Found Depth UOM:</b>		ft			
<b>20</b>	1 of 1	<b>ESE/186.0</b>	<b>174.8 / -10.85</b>	<b>Niagara Falls ON Niagara Falls ON</b>	<b>EHS</b>
<b>Order No:</b>	20180725041			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-AUG-18			<b>Search Radius (km):</b>	.5
<b>Date Received:</b>	25-JUL-18			<b>X:</b>	-79.121997
<b>Previous Site Name:</b>				<b>Y:</b>	43.048885
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<b>21</b>	1 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>FORD MOTOR CO. OF CANADA 9127 MONTROSE RD. NIAGARA FALLS CITY ON</b>	<b>CA</b>
<b>Certificate #:</b>	8-2081-86-				
<b>Application Year:</b>	86				
<b>Issue Date:</b>	6/6/1986				
<b>Approval Type:</b>	Industrial air				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>	SCREEN CLEANING EXHAUST				
<b>Contaminants:</b>	Methane (Incl. Hydrocarbons Expr. As Ch4				
<b>Emission Control:</b>	No Controls				
<b>21</b>	2 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD</b>	<b>CA</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>NIAGARA FALLS CITY ON</b>					
				<b>Certificate #:</b> 8-2078-89- <b>Application Year:</b> 89 <b>Issue Date:</b> 10/27/1989 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> RELOC. OF SILK SCREEN CLEANING OPERATION <b>Contaminants:</b> Methane (Incl. Hydrocarbons Expr. As Ch4) <b>Emission Control:</b> No Controls	
<a href="#">21</a>	3 of 46	SSE/248.6	178.6 / -7.08	<b>FORD MOTOR COMPANY OF CANADA</b> <b>(NIAGARA GL</b> <b>9127 MONTROSE ROAD</b> <b>NIAGARA FALLS CITY ON</b>	CA
				<b>Certificate #:</b> 8-2215-92- <b>Application Year:</b> 92 <b>Issue Date:</b> 11/26/1992 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> AIR AUTOCLAVE FOR LAM. AUTO W-SHIELDS <b>Contaminants:</b> Other Organic Compounds, Other Organic Compounds <b>Emission Control:</b> No Controls	
<a href="#">21</a>	4 of 46	SSE/248.6	178.6 / -7.08	<b>FORD MOTOR COMPANY</b> <b>NIAGARA FALLS ON</b>	SRDS
				<b>Company Code:</b> 0000020503 <b>Works ID:</b> <b>SIC:</b> 325 <b>SIC1:</b> 325 <b>SIC1 Desc:</b> <b>SIC2:</b> <b>SIC2 Desc:</b> <b>SIC3:</b> <b>SIC3 Desc:</b> <b>Body of Water:</b> <b>Terminal Stream:</b> <b>SIC Desc:</b> <b>Mailing Address:</b> NIAGARA FALLS <b>Corp Address:</b>	<b>Sector:</b> <b>Region:</b> <b>District:</b> <b>UTM Zone:</b> <b>UTM Easting:</b> <b>UTM Northing:</b> <b>UTM Precision:</b> <b>Minor Basin:</b> <b>Major Basin:</b> <b>Report Year:</b> 1990-1994
<a href="#">21</a>	5 of 46	SSE/248.6	178.6 / -7.08	<b>FORD MOTOR COMPANY OF CANADA</b> <b>9127 MONTROSE ROAD; BOX 1019</b> <b>NIAGARA FALLS ON L2E 6X3</b>	NPGB
				<b>Company Code:</b> 00300A <b>Industry:</b> <b>Site Status:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Transaction Date:</b>		9/7/1990			
<b>Inspection Date:</b>		9/15/1989			
<a href="#">21</a>	6 of 46	SSE/248.6	178.6 / -7.08	FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	NPCB
<b>Company Code:</b>		F0597			
<b>Industry:</b>					
<b>Site Status:</b>					
<b>Transaction Date:</b>		1/29/1996			
<b>Inspection Date:</b>					
<b>--Details--</b>					
<b>Label:</b>					
<b>Serial No.:</b>					
<b>PCB Type/Code:</b>		Askarel			
<b>Location:</b>					
<b>Item/State:</b>					
<b>No. of Items:</b>					
<b>Manufacturer:</b>					
<b>Status:</b>		Stored for Disposal			
<b>Contents:</b>		0.00 KG			
<b>Label:</b>					
<b>Serial No.:</b>					
<b>PCB Type/Code:</b>		Askarel			
<b>Location:</b>					
<b>Item/State:</b>					
<b>No. of Items:</b>					
<b>Manufacturer:</b>					
<b>Status:</b>		Stored for Disposal			
<b>Contents:</b>		159.00 KG			
<a href="#">21</a>	7 of 46	SSE/248.6	178.6 / -7.08	FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b>		8-2084-89-000			
<b>Application Year:</b>		89			
<b>Issue Date:</b>		4/26/89			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Application Cancelled			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		SILK SCREEN CLEANING PROCESS			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">21</a>	8 of 46	SSE/248.6	178.6 / -7.08	9127 Montrose Avenue Niagara Falls ON	CA
<b>Certificate #:</b>		4-058-77-786			
<b>Application Year:</b>		00			
<b>Issue Date:</b>		10/10/00			
<b>Approval Type:</b>		Municipal & Private sewage			
<b>Status:</b>		Approved			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Notice E.S. Fox Enterprises Inc. 9127 Montrose Rd. Niagara Falls L2E 5S6 Addition of Phosphorous removal using Alum to an existing package sewage treatment plant.			
<a href="#">21</a>	9 of 46	SSE/248.6	178.6 / -7.08	<b>E.S. Fox Construction</b> <b>9127 Montrose Rd.</b> <b>Niagara Falls ON</b>	<b>CA</b>
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		0028-4LRSUX 00 7/17/00 Industrial air Approved New Certificate of Approval E.S. Fox Enterprises Inc. 9127 Montrose Rd. Niagara Falls L2E 5S6 This application is for a certificate of approval for emissions to the atmosphere from a dust collector and associated duct work and hoods for a tool cleaning station.			
<a href="#">21</a>	10 of 46	SSE/248.6	178.6 / -7.08	<b>E.S. Fox Enterprises Inc.</b> <b>9127 Montrose Rd. Niagara Falls Ontario L2E</b> <b>5S6 Niagara Falls</b> <b>ON</b>	<b>EBR</b>
<b>EBR Registry No:</b> <b>Ministry Ref No:</b> <b>Notice Type:</b> <b>Notice Stage:</b> <b>Notice Date:</b> <b>Proposal Date:</b> <b>Year:</b> <b>Instrument Type:</b> <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> <b>Comment Period:</b> <b>URL:</b>  <b>Site Location Details:</b>		IA00E0797 1381-4JKR3Z Instrument Decision 800476685 July 24, 2000 May 09, 2000 2000 (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		<b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b>	
9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls					
<a href="#">21</a>	11 of 46	SSE/248.6	178.6 / -7.08	<b>FORD MOTOR COMPANY OF CANADA, LIMITED</b> <b>9127 MONTROSE ROAD</b> <b>NIAGARA FALLS ON L2E 6X3</b>	<b>OPCB</b>
<b>Year:</b>		1995			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site Number:</b> <b>Name Owner:</b> <b>Additional Site Information:</b>		20392A043			
<b>--Details--</b>					
<b>Quantity:</b>		6.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
<b>Quantity:</b>		1200.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Drums of Ballasts with High Level PCBs (>1000 ppm) kg			
<b>Quantity:</b>		20.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Capacitors with High Level PCBs (>1000 ppm)			
<b>Quantity:</b>		1.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
<b>Quantity:</b>		150.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
<a href="#">21</a>	12 of 46	SSE/248.6	178.6 / -7.08	FORD MOTOR CO. OF CANADA LTD. NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
<b>Generator No:</b>		ON0000205		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		86,87,88,89,90		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		3259			
<b>SIC Description:</b>		OTHER VEHICLE ACCES.			
<b>Detail(s)</b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<a href="#">21</a>	13 of 46	SSE/248.6	178.6 / -7.08	FORD (OUT OF BUS) 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
<b>Generator No:</b>		ON0000205		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		92,93,95,96,97		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>SIC Code:</b>	3259				
<b>SIC Description:</b>		OTHER VEHICLE ACCES.			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		133			
<b>Waste Class Desc:</b>		BRINES, CHLOR-ALKALI WASTES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		233			
<b>Waste Class Desc:</b>		OTHER POLYMERIC WASTES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			

<a href="#">21</a>	14 of 46	SSE/248.6	178.6 / -7.08	FORD MOTOR COMPANY OF CANADA LTD. 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
<b>Generator No:</b>	ON0000205			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3259				
<b>SIC Description:</b>	OTHER VEHICLE ACCES.				

**Detail(s)**

<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	133				
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	222				
<b>Waste Class Desc:</b>	HEAVY FUELS				
<b>Waste Class:</b>	232				
<b>Waste Class Desc:</b>	POLYMERIC RESINS				
<b>Waste Class:</b>	233				
<b>Waste Class Desc:</b>	OTHER POLYMERIC WASTES				
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<b>Waste Class:</b>	243				
<b>Waste Class Desc:</b>	PCB'S				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			

[21](#)      15 of 46      **SSE/248.6**      **178.6 / -7.08**      **FORD (OUT OF BUS) MOTOR COMPANY  
NIAGARA GLASS PLANT 9127 MONTROSE  
ROAD  
NIAGARA FALLS ON L2E 6X3**      **GEN**

**Generator No:** ON0000205      **PO Box No:**  
**Status:**      **Country:**  
**Approval Years:** 98      **Choice of Contact:**  
**Contam. Facility:**      **Co Admin:**  
**MHSW Facility:**      **Phone No Admin:**  
**SIC Code:** 3259  
**SIC Description:** OTHER VEHICLE ACCES.

**Detail(s)**

**Waste Class:** 112  
**Waste Class Desc:** ACID WASTE - HEAVY METALS

**Waste Class:** 122  
**Waste Class Desc:** ALKALINE WASTES - OTHER METALS

**Waste Class:** 133  
**Waste Class Desc:** BRINES, CHLOR-ALKALI WASTES

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

**Waste Class:** 221

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		233			
<b>Waste Class Desc:</b>		OTHER POLYMERIC WASTES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			

[21](#)      16 of 46      **SSE/248.6**      **178.6 / -7.08**      **E.S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**      **GEN**

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	96,97	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4244		
<b>SIC Description:</b>	SHEET METAL & DUCT.		

**Detail(s)**

<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			

<a href="#">21</a>	17 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	98,99,00,01,02,03,04,05,06,07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4244				
<b>SIC Description:</b>	SHEET METAL & DUCT.				

**Detail(s)**

<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	262
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS
<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<a href="#">21</a>	18 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Road Niagara Falls ON</b>	<b>NCPL</b>
<b>Year:</b>		2003			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Industrial Sewage			
<b>Sector:</b>		Miscellaneous			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		C of A Non-Compliance			
<b>Contaminant:</b>		Phosphorus			
<b>Status Report:</b>					
<b><u>Details</u></b>					
<b>Incident Date:</b>		8/14/2003			
<b>Exceedance Start Date:</b>					
<b>Exceedance End Date:</b>					
<b>Limit/Unit/Freq:</b>		1 mg/L /annum			
<b>Quantity Min/Max:</b>		1.07/			
<b>Facility Action:</b>		Other			
<b>Ministry Action:</b>		Assessment Complete - No Further Action Required			

<a href="#">21</a>	19 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Road Niagara Falls ON</b>	<b>NCPL</b>
<b>Year:</b>		2003			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Industrial Sewage			
<b>Sector:</b>		Miscellaneous			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		C of A Non-Compliance			
<b>Contaminant:</b>		Total Suspended Solids			
<b>Status Report:</b>					
<b><u>Details</u></b>					
<b>Incident Date:</b>		8/14/2003			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Exceedance Start Date:</b> <b>Exceedance End Date:</b> <b>Limit/Unit/Freq:</b> 25 mg/L /annum <b>Quantity Min/Max:</b> 32/ <b>Facility Action:</b> Other <b>Ministry Action:</b> Assessment Complete - No Further Action Required					
<a href="#">21</a>	20 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Ltd. 9127 Montrose Rd Niagara Falls ON L2E 6S5	SCT
<b>Established:</b> 01-AUG-34 <b>Plant Size (ft²):</b> <b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b> Other Plate Work and Fabricated Structural Product Manufacturing					
<b>SIC/NAICS Code:</b> 332319					
<b>Description:</b> Industrial Building and Structure Construction					
<b>SIC/NAICS Code:</b> 236210					
<b>Description:</b> Mining and Oil and Gas Field Machinery Manufacturing					
<b>SIC/NAICS Code:</b> 333130					
<b>Description:</b> Other Ornamental and Architectural Metal Product Manufacturing					
<b>SIC/NAICS Code:</b> 332329					
<b>Description:</b> Engineering Services					
<b>SIC/NAICS Code:</b> 541330					
<b>Description:</b> Metal Tank (Heavy Gauge) Manufacturing					
<b>SIC/NAICS Code:</b> 332420					
<a href="#">21</a>	21 of 46	SSE/248.6	178.6 / -7.08	E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON	FSTH
<b>License Issue Date:</b> 1/8/1999 <b>Tank Status:</b> Licensed <b>Tank Status As Of:</b> August 2007 <b>Operation Type:</b> Private Fuel Outlet <b>Facility Type:</b> Gasoline Station - Self Serve					
<b>--Details--</b>					
<b>Status:</b> Active					
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b> 25000					
<b>Tank Fuel Type:</b> Liquid Fuel Single Wall AST - Gasoline					
<b>Status:</b> Active					
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b> 15000					
<b>Tank Fuel Type:</b> Liquid Fuel Single Wall AST - Diesel					
<a href="#">21</a>	22 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Year:** 2007  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Municipal Private Sewage  
**Sector:** Miscellaneous  
**District Area:** Niagara  
**Type of Concern:** C of A/Permit Non-Compliance  
**Contaminant:** LOW PH EFFLUENT  
**Status Report:**

**Details**

**Incident Date:** 1/1/2007  
**Exceedance Start Date:** 1/1/2007  
**Exceedance End Date:** 12/31/2007  
**Limit/Unit/Freq:** 6 pH  
**Quantity Min/Max:** 0/5.1  
**Facility Action:** Ceased Operations  
**Ministry Action:** Other Abatement Action Taken

<a href="#">21</a>	23 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
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**Year:** 2007  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Municipal Private Sewage  
**Sector:** Miscellaneous  
**District Area:** Niagara  
**Type of Concern:** C of A/Permit Non-Compliance  
**Contaminant:** PHOSPHORUS  
**Status Report:**

**Details**

**Incident Date:** 12/31/2007  
**Exceedance Start Date:** 2/28/2007  
**Exceedance End Date:** 12/31/2007  
**Limit/Unit/Freq:** 1 mg/L  
**Quantity Min/Max:** 1.3/3.88  
**Facility Action:** Ceased Operations  
**Ministry Action:** Other Abatement Action Taken

<a href="#">21</a>	24 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
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**Year:** 2007  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Municipal Private Sewage  
**Sector:** Miscellaneous  
**District Area:** Niagara  
**Type of Concern:** C of A/Permit Non-Compliance  
**Contaminant:** SUSPENDED SOLIDS  
**Status Report:**

**Details**

**Incident Date:** 12/31/2007

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Exceedance Start Date:</b>		1/1/2007			
<b>Exceedance End Date:</b>		12/31/2007			
<b>Limit/Unit/Freq:</b>		25 mg/L			
<b>Quantity Min/Max:</b>		125.2/125.2			
<b>Facility Action:</b>		Ceased Operations			
<b>Ministry Action:</b>		Other Abatement Action Taken			
<a href="#">21</a>	25 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON</b>	<b>FSTH</b>
<b>License Issue Date:</b>		1/8/1999			
<b>Tank Status:</b>		Licensed			
<b>Tank Status As Of:</b>		December 2008			
<b>Operation Type:</b>		Private Fuel Outlet			
<b>Facility Type:</b>		Gasoline Station - Self Serve			
<b>--Details--</b>					
<b>Status:</b>		Active			
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		25000			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall AST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		15000			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall AST - Diesel			
<a href="#">21</a>	26 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON</b>	<b>NCPL</b>
<b>Year:</b>		2008			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Private Sewage			
<b>Sector:</b>		Miscellaneous Communal			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		CofA/Permit Non-Compliance			
<b>Contaminant:</b>		PHOSPHORUS			
<b>Status Report:</b>					
<b>Details</b>					
<b>Incident Date:</b>		2/29/2008			
<b>Exceedance Start Date:</b>		1/1/2008			
<b>Exceedance End Date:</b>		2/29/2008			
<b>Limit/Unit/Freq:</b>		1 mg/L			
<b>Quantity Min/Max:</b>		1.3/3.88			
<b>Facility Action:</b>		Ceased Operations			
<b>Ministry Action:</b>		Other Abatement Action Taken			
<a href="#">21</a>	27 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Limited 9127 Montrose Rd Niagara Falls ON</b>	<b>CA</b>
<b>Certificate #:</b>		5161-7SEKCQ			
<b>Application Year:</b>		2009			
<b>Issue Date:</b>		5/31/2009			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Air Approved			

<a href="#">21</a>	28 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON	GEN
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<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2009	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	All Other Specialty Trade Contractors		

**Detail(s)**

<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			

<a href="#">21</a>	29 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON	GEN
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<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2010	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	All Other Specialty Trade Contractors		

**Detail(s)**

<b>Waste Class:</b>	231
<b>Waste Class Desc:</b>	LATEX WASTES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	268

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<a href="#">21</a>	30 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990				
<b>SIC Description:</b>	All Other Specialty Trade Contractors				

**Detail(s)**

<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	231				
<b>Waste Class Desc:</b>	LATEX WASTES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	253				
<b>Waste Class Desc:</b>	EMULSIFIED OILS				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	331				
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES				
<b>Waste Class:</b>	262				
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS				
<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<a href="#">21</a>	31 of 46	SSE/248.6	178.6 / -7.08	E S FOX LTD 9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	FST
<b>Instance No:</b>		11485869			
<b>Cont Name:</b>					
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Fuel Type:</b>		Diesel			
<b>Status:</b>		Active			
<b>Capacity:</b>		15000			
<b>Tank Material:</b>		Steel			
<b>Corrosion Protection:</b>		Coating			
<b>Tank Type:</b>		Single Wall Horizontal AST			
<b>Install Year:</b>		NULL			
<b>Parent Facility Type:</b>		Fuels Safety Private Fuel Outlet - Self Serve			
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<a href="#">21</a>	32 of 46	SSE/248.6	178.6 / -7.08	E S FOX LTD 9127 MONTROSE RDPO BOX 1010 NIAGARA FALLS ON L2E 7J9	FST
<b>Instance No:</b>		11485849			
<b>Cont Name:</b>					
<b>Instance Type:</b>		FS Liquid Fuel Tank			
<b>Fuel Type:</b>		Gasoline			
<b>Status:</b>		Active			
<b>Capacity:</b>		25000			
<b>Tank Material:</b>		Steel			
<b>Corrosion Protection:</b>		Coating			
<b>Tank Type:</b>		Single Wall Horizontal AST			
<b>Install Year:</b>		NULL			
<b>Parent Facility Type:</b>		Fuels Safety Private Fuel Outlet - Self Serve			
<b>Facility Type:</b>		FS Liquid Fuel Tank			
<a href="#">21</a>	33 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	2012   238990			<b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
		All Other Specialty Trade Contractors			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		150 INERT INORGANIC WASTES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		232 POLYMERIC RESINS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		253 EMULSIFIED OILS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213 PETROLEUM DISTILLATES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		262 DETERGENTS/SOAPS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		231 LATEX WASTES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		146 OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 HALOGENATED SOLVENTS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		268 AMINES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145 PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		331 WASTE COMPRESSED GASES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		122 ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		112 ACID WASTE - HEAVY METALS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		212 ALIPHATIC SOLVENTS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		221 LIGHT FUELS			
<b>21</b>	<b>34 of 46</b>	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E. S. FOX LIMITED 9127 MONTROSE ROAD</b>	<b>GEN</b>

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>NIAGARA FALLS ON</b>					
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990				
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	241				
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS				
<b>Waste Class:</b>	150				
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	268				
<b>Waste Class Desc:</b>	AMINES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	231				
<b>Waste Class Desc:</b>	LATEX WASTES				
<b>Waste Class:</b>	232				
<b>Waste Class Desc:</b>	POLYMERIC RESINS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	331				
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES				
<b>Waste Class:</b>	262				
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	253				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<a href="#">21</a>	35 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Limited 9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>		012-3028		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		1281-9P2KU8		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		821895251		<b>Act 1:</b>	
<b>Notice Date:</b>		October 06, 2015		<b>Act 2:</b>	
<b>Proposal Date:</b>		November 20, 2014		<b>Site Location Map:</b>	
<b>Year:</b>		2014			
<b>Instrument Type:</b>		(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		E.S. Fox Limited			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		9127 Montrose Road, Niagara Falls Ontario, Canada L2E 7J9			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS					
<a href="#">21</a>	36 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Limited 9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b>		012-4672		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		7256-9PNJ2W		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		822919852		<b>Act 1:</b>	
<b>Notice Date:</b>		April 25, 2016		<b>Act 2:</b>	
<b>Proposal Date:</b>		July 17, 2015		<b>Site Location Map:</b>	
<b>Year:</b>		2015			
<b>Instrument Type:</b>		(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		E.S. Fox Limited			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		9127 Montrose Road, Niagara Falls Ontario, Canada L2E 7J9			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS					
<a href="#">21</a>	37 of 46	SSE/248.6	178.6 / -7.08	E.S. Fox Limited	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>9127 Montrose Rd Niagara Falls ON L2E 7J9</b>	
<b>Approval No:</b>	9177-9ZJJFQ			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2015-09-28			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-79.06785599999999
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.10657
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9127 Montrose Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1281-9P2KU8-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1281-9P2KU8-14.pdf</a>				
<a href="#">21</a>	38 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Limited 9127 Montrose Rd Niagara Falls ON L2E 7J9</b>	<b>ECA</b>
<b>Approval No:</b>	1032-A8XP6J			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2016-04-18			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-79.06785599999999
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.10657
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9127 Montrose Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7256-9PNJ2W-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7256-9PNJ2W-14.pdf</a>				
<a href="#">21</a>	39 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Avenue Niagara Falls ON L2E 5S6</b>	<b>ECA</b>
<b>Approval No:</b>	4-058-77-786			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2000-10-10			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	-79.06785599999999
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.10657
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>	9127 Montrose Avenue				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6004-4L9JVH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6004-4L9JVH-14.pdf</a>				
<a href="#">21</a>	40 of 46	<b>SSE/248.6</b>	<b>178.6 / -7.08</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Rd. Niagara Falls ON L2E 5S6</b>	<b>ECA</b>
<b>Approval No:</b>	0028-4LRSUX			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2000-07-17			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	-79.06785599999999
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.10657
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9127 Montrose Rd.				
<b>Full Address:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1381-4JKR3Z-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1381-4JKR3Z-14.pdf</a>			
<a href="#">21</a>	41 of 46	SSE/248.6	178.6 / -7.08	<b>E.S. Fox Limited</b> 9127 Montrose Rd Niagara Falls ON L2E 7J9	ECA
<b>Approval No:</b>	5161-7SEKCCQ			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2009-05-31			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	-79.06785599999999
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.10657
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	9127 Montrose Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4512-7RCPL9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4512-7RCPL9-14.pdf</a>				

<a href="#">21</a>	42 of 46	SSE/248.6	178.6 / -7.08	<b>E. S. FOX LIMITED</b> 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Cory Young
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-3700 Ext.260
<b>SIC Code:</b>	238990				
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS				

**Detail(s)**

<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	231
<b>Waste Class Desc:</b>	LATEX WASTES
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			

[21](#)      43 of 46      **SSE/248.6**      **178.6 / -7.08**      **E. S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**      **GEN**

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2016	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Cory Young
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	905-354-3700 Ext.260
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS		

**Detail(s)**

<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	145

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			

[21](#)      44 of 46      **SSE/248.6**      **178.6 / -7.08**      **E. S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**      **GEN**

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2014	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Cory Young
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	905-354-3700 Ext.260
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS		

**Detail(s)**

<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			

<u>21</u>	45 of 46	SSE/248.6	178.6 / -7.08	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

<b>Waste Class:</b>	112 C
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals
<b>Waste Class:</b>	122 C
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)
<b>Waste Class:</b>	145 I
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints
<b>Waste Class:</b>	145 L
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints
<b>Waste Class:</b>	148 I
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	150 L
<b>Waste Class Desc:</b>	Inert organic wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		231 L			
<b>Waste Class Desc:</b>		Latex wastes			
<b>Waste Class:</b>		232 C			
<b>Waste Class Desc:</b>		Polymeric resins			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		268 C			
<b>Waste Class Desc:</b>		Amines			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			

[21](#)      46 of 46      **SSE/248.6**      **178.6 / -7.08**      **E. S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**      **GEN**

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>	Registered	<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Oct 2019	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>			
<b>SIC Description:</b>			

**Detail(s)**

<b>Waste Class:</b>	112 C
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals
<b>Waste Class:</b>	263 I
<b>Waste Class Desc:</b>	Misc. waste organic chemicals
<b>Waste Class:</b>	148 I
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	150 L
<b>Waste Class Desc:</b>	Inert organic wastes
<b>Waste Class:</b>	145 L

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		231 L			
<b>Waste Class Desc:</b>		Latex wastes			
<b>Waste Class:</b>		268 C			
<b>Waste Class Desc:</b>		Amines			
<b>Waste Class:</b>		232 C			
<b>Waste Class Desc:</b>		Polymeric resins			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			

[22](#)      1 of 1      **E/173.2**      **174.8 / -10.85**      **8620 Oakwood Dr  
Niagara Falls ON L2E6S5**      **EHS**

<b>Order No:</b>	20140429079	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	08-MAY-14	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	29-APR-14	<b>X:</b>	-79.12122
<b>Previous Site Name:</b>		<b>Y:</b>	43.052301
<b>Lot/Building Size:</b>	8 acres		
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans		

[23](#)      1 of 2      **SE/250.1**      **181.2 / -4.49**      **FORD MOTOR CO. OF CANADA LTD.  
WELLAND RIVER NIAGARA GLASS PLANT 9127  
MONTROSE ROAD  
NIAGARA FALLS CITY ON**      **SPL**

<b>Ref No:</b>	4524	<b>Discharger Report:</b>	
<b>Site No:</b>		<b>Material Group:</b>	
<b>Incident Dt:</b>	5/31/1988	<b>Health/Env Conseq:</b>	
<b>Year:</b>		<b>Client Type:</b>	
<b>Incident Cause:</b>	WASTEWATER DISCHARGE TO	<b>Sector Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
		WATERCOURSE			
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	18101
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>	WATER			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767300.00
<b>MOE Response:</b>				<b>Easting:</b>	652600.00
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	5/31/1988			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	EQUIPMENT FAILURE			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	FORD GLASS - OILY WASH WATER TO WELLAND RIVER WHEN SUMP PUMP FAILED.				
<b>Contaminant Qty:</b>					

<a href="#">23</a>	2 of 2	SE/250.1	181.2 / -4.49	FORD MOTOR CO. OF CANADA LTD. 9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b>	85695			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	5/17/1993			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	OTHER CAUSE (N.O.S.)			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	18101
<b>Nature of Impact:</b>	Water course or lake			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	WATER			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4767300.00
<b>MOE Response:</b>				<b>Easting:</b>	652600.00
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	5/17/1993			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	INTENTIONAL/PLANNED			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	FORD: OIL SHEEN TO RIVER.SUSPECT SOMEONE DUMPED 10 LTR TO DRAIN IN ERROR.				
<b>Contaminant Qty:</b>					

<a href="#">24</a>	1 of 1	E/216.7	174.8 / -10.85	lot 211 ON	WWIS
<b>Well ID:</b>	6601397			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Livestock			<b>Date Received:</b>	11/23/1951
<b>Sec. Water Use:</b>	Domestic			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> NIAGARA (WELLAND) <b>Municipality:</b> NIAGARA FALLS CITY <b>Site Info:</b> <b>Lot:</b> 211 <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10461131 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> o <b>Code OB Desc:</b> Overburden <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 9/18/1951 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Elevation:</b> 175.339263 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 653032.9 <b>North83:</b> 4768105 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> p9	
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 932591595 <b>Layer:</b> 2 <b>Color:</b> 3 <b>General Color:</b> BLUE <b>Mat1:</b> 05 <b>Most Common Material:</b> CLAY <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> 10 <b>Formation End Depth:</b> 70 <b>Formation End Depth UOM:</b> ft					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 932591594 <b>Layer:</b> 1 <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> 05 <b>Most Common Material:</b> CLAY <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b>					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	10				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932591596				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	11				
<b>Most Common Material:</b>	GRAVEL				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	70				
<b>Formation End Depth:</b>	72				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	11009701				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930749076				
<b>Layer:</b>	1				
<b>Material:</b>	1				
<b>Open Hole or Material:</b>	STEEL				
<b>Depth From:</b>					
<b>Depth To:</b>	72				
<b>Casing Diameter:</b>	6				
<b>Casing Diameter UOM:</b>	inch				
<b>Casing Depth UOM:</b>	ft				
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>	996601397				
<b>Pump Set At:</b>					
<b>Static Level:</b>	20				
<b>Final Level After Pumping:</b>	50				
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>	15				
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>	ft				
<b>Rate UOM:</b>	GPM				
<b>Water State After Test Code:</b>	1				
<b>Water State After Test:</b>	CLEAR				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	1				
<b>Pumping Duration MIN:</b>	0				
<b>Flowing:</b>	N				
<b><u>Water Details</u></b>					
<b>Water ID:</b>	933948676				
<b>Layer:</b>	1				
<b>Kind Code:</b>	1				
<b>Kind:</b>	FRESH				
<b>Water Found Depth:</b>	72				
<b>Water Found Depth UOM:</b>	ft				

<b><u>25</u></b>	<b>1 of 1</b>	<b>SW/177.0</b>	<b>159.6 / -26.11</b>	<b>lot 3 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	6600615			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Not Used			<b>Date Received:</b>	1/6/1961
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Test Hole			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	2801
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (CROWLAND)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	003
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	BF
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	10460349	<b>Elevation:</b>	162.610549
<b>DP2BR:</b>	83	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	651725.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4767543
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	7/8/1960	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932589407
<b>Layer:</b>	9
<b>Color:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		76			
<b>Formation End Depth:</b>		81			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589405			
<b>Layer:</b>		7			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		64			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589408			
<b>Layer:</b>		10			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		13			
<b>Other Materials:</b>		BOULDERS			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		81			
<b>Formation End Depth:</b>		83			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589404			
<b>Layer:</b>		6			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		45			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932589409		
<b>Layer:</b>			11		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			83		
<b>Formation End Depth:</b>			84		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932589406		
<b>Layer:</b>			8		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			11		
<b>Other Materials:</b>			GRAVEL		
<b>Mat3:</b>			13		
<b>Other Materials:</b>			BOULDERS		
<b>Formation Top Depth:</b>			64		
<b>Formation End Depth:</b>			76		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932589399		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			02		
<b>Most Common Material:</b>			TOPSOIL		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			1		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932589402		
<b>Layer:</b>			4		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		26			
<b>Formation End Depth:</b>		42			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589401			
<b>Layer:</b>		3			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		9			
<b>Formation End Depth:</b>		26			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589403			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Other Materials:</b>		BOULDERS			
<b>Formation Top Depth:</b>		42			
<b>Formation End Depth:</b>		45			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589400			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		9			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11008919			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930747638			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		75			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933385506			
<b>Layer:</b>		1			
<b>Slot:</b>					
<b>Screen Top Depth:</b>		75			
<b>Screen End Depth:</b>		78			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996600615			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10			
<b>Final Level After Pumping:</b>		30			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		14			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		8			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933947883			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		75			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">26</a>	1 of 11	E/249.2	174.8 / -10.85	MODERN MOSAIC LTD 8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	SCT
<b>Established:</b>		1968			
<b>Plant Size (ft²):</b>		20000			
<b>Employment:</b>		30			
<b>--Details--</b>					
<b>Description:</b>		CONCRETE PRODUCTS, EXCEPT BRICK AND BLOCK			
<b>SIC/NAICS Code:</b>		3272			
<a href="#">26</a>	2 of 11	E/249.2	174.8 / -10.85	Modern Mosaic Ltd. 8620 Oakwood Dr Niagara Falls ON L2E 6S5	SCT
<b>Established:</b>		01-JUL-68			
<b>Plant Size (ft²):</b>		20000			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Other Concrete Product Manufacturing			
<b>SIC/NAICS Code:</b>		327390			
<b>Description:</b>		Other Concrete Product Manufacturing			
<b>SIC/NAICS Code:</b>		327390			
<a href="#">26</a>	3 of 11	E/249.2	174.8 / -10.85	8620 Oakwood Drive Niagara Falls ON	CA
<b>Certificate #:</b>		0206-4WYLDC			
<b>Application Year:</b>		01			
<b>Issue Date:</b>		12/19/01			
<b>Approval Type:</b>		Industrial sewage			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			
<b>Client Name:</b>		Modern Mosaic Limited			
<b>Client Address:</b>		8620 Oakwood Drive			
<b>Client City:</b>		Niagara Falls			
<b>Client Postal Code:</b>		L2E 6S5			
<b>Project Description:</b>		Modern Mosaic produces concrete forms used in the construction of large buildings. The process has two wastewater streams coming from concrete washing and concrete form finishing. The wastewater streams are to be combined to neutralize the pH. The wastewater travels off-site via a drainage ditch and ultimately drains into the Ontario Power Generation Canal and Niagara River			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">26</a>	4 of 11	E/249.2	174.8 / -10.85	8620 Oakwood Drive Niagara Falls ON	CA
<b>Certificate #:</b>		8501-53NP4J			
<b>Application Year:</b>		01			
<b>Issue Date:</b>		10/23/01			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			
<b>Client Name:</b>		Modern Mosaic Limited			
<b>Client Address:</b>		8620 Oakwood Drive			
<b>Client City:</b>		Niagara Falls			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Client Postal Code:</b> <b>Project Description:</b>		L2E 6S5			
		Approval is sought for sources of air emissions generated from facility operations of mixing aggregate, sand and cement to produce concrete forms. The sources include fugitive emissions from wood constructed forms, pouring of concrete, general maintenance and comfort heating.			
<b>Contaminants:</b> <b>Emission Control:</b>		Baghouse (Incl Vent Fil.)			

<a href="#">26</a>	5 of 11	<b>E/249.2</b>	<b>174.8 / -10.85</b>	<b>Modern Mosaic Limited</b> <b>8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON</b>	<b>EBR</b>
<b>EBR Registry No:</b>		IA01E0368		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		1155-4UNKQ4		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		800478380		<b>Act 1:</b>	
<b>Notice Date:</b>		December 24, 2001		<b>Act 2:</b>	
<b>Proposal Date:</b>		March 16, 2001		<b>Site Location Map:</b>	
<b>Year:</b>		2001			
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		Modern Mosaic Limited			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		8620 Oakwood Drive, Niagara Falls Ontario, L2E 6S5			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls					

<a href="#">26</a>	6 of 11	<b>E/249.2</b>	<b>174.8 / -10.85</b>	<b>Modern Mosaic Limited</b> <b>8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON</b>	<b>EBR</b>
<b>EBR Registry No:</b>		IA01E0391		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		6803-4UNKFM		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		800479058		<b>Act 1:</b>	
<b>Notice Date:</b>		May 22, 2001		<b>Act 2:</b>	
<b>Proposal Date:</b>		March 21, 2001		<b>Site Location Map:</b>	
<b>Year:</b>		2001			
<b>Instrument Type:</b>		(OWRA s. 53(1)) - Approval for sewage works			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		Modern Mosaic Limited			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		8620 Oakwood Drive, Niagara Falls Ontario, L2E 6S5			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">26</a>	7 of 11	E/249.2	174.8 / -10.85	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	CA
<p> <b>Certificate #:</b> 0838-63XL5S  <b>Application Year:</b> 2004  <b>Issue Date:</b> 8/23/2004  <b>Approval Type:</b> Industrial Sewage Works  <b>Status:</b> Revoked and/or Replaced  <b>Application Type:</b>  <b>Client Name:</b>  <b>Client Address:</b>  <b>Client City:</b>  <b>Client Postal Code:</b>  <b>Project Description:</b>  <b>Contaminants:</b>  <b>Emission Control:</b> </p>					
<a href="#">26</a>	8 of 11	E/249.2	174.8 / -10.85	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<p> <b>Approval No:</b> 8501-53NP4J  <b>Approval Date:</b> 2001-10-23  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b> Niagara Peninsula  <b>Approval Type:</b> ECA-AIR  <b>Project Type:</b> AIR  <b>Address:</b> 8620 Oakwood Drive  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1155-4UNKQ4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1155-4UNKQ4-14.pdf</a> </p> <p> <b>MOE District:</b> Niagara  <b>City:</b>  <b>Longitude:</b> -79.14856  <b>Latitude:</b> 43.078407  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">26</a>	9 of 11	E/249.2	174.8 / -10.85	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<p> <b>Approval No:</b> 0838-63XL5S  <b>Approval Date:</b> 2004-08-23  <b>Status:</b> Revoked and/or Replaced  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b> Niagara Peninsula  <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS  <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS  <b>Address:</b> 8620 Oakwood Drive  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4524-63TM2Y-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4524-63TM2Y-14.pdf</a> </p> <p> <b>MOE District:</b> Niagara  <b>City:</b>  <b>Longitude:</b> -79.14856  <b>Latitude:</b> 43.078407  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">26</a>	10 of 11	E/249.2	174.8 / -10.85	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<p> <b>Approval No:</b> 0206-4WYLDC  <b>Approval Date:</b> 2001-12-19  <b>Status:</b> Revoked and/or Replaced  <b>Record Type:</b> ECA </p> <p> <b>MOE District:</b> Niagara  <b>City:</b>  <b>Longitude:</b> -79.14856  <b>Latitude:</b> 43.078407 </p>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>	IDS Niagara Peninsula ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS 8620 Oakwood Drive https://www.accessenvironment.ene.gov.on.ca/instruments/6803-4UNKFM-14.pdf			<b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">26</a>	11 of 11	<b>E/249.2</b>	<b>174.8 / -10.85</b>	<b>Modern Mosaic Limited</b> <b>8620 Oakwood Dr</b> <b>Niagara Falls ON L2E 6S5</b>	<b>SPL</b>
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> <b>Contaminant Qty:</b>	8768-BA3KP2 6473-4UNKH3 3/6/2019         Yes 3/6/2019 3/6/2019  8620 Oakwood Drive Regional Municipality Of Niagara 1-10 metres eg. Good Quality GPS Inspection findings			<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	0 - No Impact Corporation  8620 Oakwood Dr Niagara L2E 6S5 West Central Niagara Falls  NA 4768351 653053 Map NAD83
<a href="#">27</a>	1 of 1	<b>ESE/137.2</b>	<b>121.3 / -64.36</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>OGF ID:</b> <b>Status:</b> <b>Type:</b> <b>Use:</b> <b>Completion Date:</b> <b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> <b>Depth Ref:</b> <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>	606271 215508079  Borehole Geotechnical/Geological Investigation MAR-1964 Not Used  -999 Ground Surface  Power auger 171  101			<b>Inclin FLG:</b> <b>SP Status:</b> <b>Surv Elev:</b> <b>Piezometer:</b> <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> <b>Longitude DD:</b> <b>UTM Zone:</b> <b>Easting:</b> <b>Northing:</b> <b>Location Accuracy:</b> <b>Accuracy:</b>	No Initial Entry No No    43.046534 -79.122664 17 652905 4767693 Not Applicable

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373145			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	10.4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,SAND, GRAVEL. BROWN,STIFF.				
<b>Geology Stratum ID:</b>	218373147			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	13.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,SILT,SAND, GRAVEL. BROWN,GLACIAL,DENSE, AGE GLACIAL.				
<b>Geology Stratum ID:</b>	218373149			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	18.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	20.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND(68),SILT(25), GRAVEL(06). VARI-COLOURED,DENSE.				
<b>Geology Stratum ID:</b>	218373142			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Organic			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	organic
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ORGANIC.				
<b>Geology Stratum ID:</b>	218373146			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	12.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	13.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Sand			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,GRAVEL,SILT, SAND. GREY,GLACIAL,COMPACT, AGE GLACIAL.				
<b>Geology Stratum ID:</b>	218373150			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	20.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gypsum			<b>Geologic Period:</b>	
<b>Material 4:</b>	Shale			<b>Depositional Gen:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		BEDROCK,DOLOMITE, GYPSUM,SHALE. GREY,POROUS. 017035034 028 013015024 010 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Geology Stratum ID:</b>	218373144			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	6.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT(93),CLAY(06), SAND,GRAVEL. BROWN,SOFT.			
<b>Geology Stratum ID:</b>	218373148			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	15.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT,SAND. VARI-COLOURED,STIFF.			
<b>Geology Stratum ID:</b>	218373143			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	1.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Peat			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	peat
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		PEAT,SILT,CLAY. BROWN,VERY SOFT,LAYERED.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049410 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>28</b>	1 of 15	<b>E/248.7</b>	<b>174.8 / -10.85</b>	<b>T.T.&amp;H MONTGOMERY CONSTRUCTION 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	00,01  4214			Choice of Contact: Co Admin: Phone No Admin:  EXCAVAT. & GRADING	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
<a href="#">28</a>	2 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2566300  02,03,04,05,06,07,08			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
<a href="#">28</a>	3 of 15	E/248.7	174.8 / -10.85	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:	Limited Vendor 23			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
<a href="#">28</a>	4 of 15	E/248.7	174.8 / -10.85	T. T. & H. Montgomery Construction (Niagara) Limited 8550 Oakwood Dr Niagara Falls ON L2E 6S5	CA
Certificate #: Application Year: Issue Date:	2721-8A8PZW 2010 10/19/2010				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Waste Management Systems Approved			
<a href="#">28</a>	5 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">28</a>	6 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">28</a>	7 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">28</a>	8 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">28</a>	9 of 15	E/248.7	174.8 / -10.85	T. T. & H. Montgomery Construction (Niagara) Limited 8550 Oakwood Dr Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b>	2721-8A8PZW			<b>MOE District:</b>	
<b>Approval Date:</b>	2010-10-19			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-WASTE MANAGEMENT SYSTEMS				
<b>Project Type:</b>	WASTE MANAGEMENT SYSTEMS				
<b>Address:</b>	8550 Oakwood Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0459-8A2P7P-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0459-8A2P7P-14.pdf</a>				
<a href="#">28</a>	10 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Harold A Montgomery
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-2519 Ext.
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">28</a>	11 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Harold A Montgomery
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-2519 Ext.
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">28</a>	12 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Harold A Montgomery
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-2519 Ext.
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">28</a>	13 of 15	E/248.7	174.8 / -10.85	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<a href="#">28</a>	14 of 15	E/248.7	174.8 / -10.85	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	13162			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b> 905	
<b>Licence Type:</b>	Limited Vendor			<b>Oper Phone No:</b> 3542519	
<b>Licence Type Code:</b>	23			<b>Operator Ext:</b>	
<b>Licence Class:</b>	01			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					

<a href="#"><u>28</u></a>	15 of 15	E/248.7	174.8 / -10.85	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b> Canada	
<b>Approval Years:</b>	As of Oct 2019			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

**Waste Class:** 252 L  
**Waste Class Desc:** Waste crankcase oils and lubricants

<a href="#"><u>29</u></a>	1 of 1	SE/135.1	123.4 / -62.29	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	857771			<b>Inclin FLG:</b> No	
<b>OGF ID:</b>	215577769			<b>SP Status:</b> Initial Entry	
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b> No	
<b>Type:</b>	Borehole			<b>Piezometer:</b> No	
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	21-APR-1964			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b> 0	
<b>Primary Water Use:</b>				<b>Township:</b> CROWLAND	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b> 43.046015	
<b>Total Depth m:</b>	9.1			<b>Longitude DD:</b> -79.123146	
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b> 17	
<b>Depth Elev:</b>				<b>Easting:</b> 652867	
<b>Drill Method:</b>	Hollow stem auger			<b>Northing:</b> 4767634	
<b>Orig Ground Elev m:</b>	32.4			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b> Within 10 metres	
<b>DEM Ground Elev m:</b>	124				
<b>Concession:</b>	BROKEN FRONT				
<b>Location D:</b>	Montrose Bridge, Welland River. Job: 64-F-286M				
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

**Geology Stratum ID:** 220433417  
**Top Depth:** 0  
**Bottom Depth:** 3.8  
**Mat Consistency:**  
**Material Moisture:**  
**Material Texture:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	Fill-Granular
<b>Material 1:</b>	Stones			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silty			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b> Fill (crushed stone and silty clay) **Note: Many records provided by the department have a truncated [Stratum Description] field.					
<b>Geology Stratum ID:</b>	220433418			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	3.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b> Silty clay with silt laminate. Reddish brown with grey.					
<b>Geology Stratum ID:</b>	220433419			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	8.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b> Silty clay, silt seams, odd g & p. Reddish brown.					

[30](#)

1 of 1

ESE/153.4

110.6 / -75.05

ON

BORE

<b>Borehole ID:</b>	606270	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508078	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1964	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.046174
<b>Total Depth m:</b>	19.5	<b>Longitude DD:</b>	-79.122675
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17
<b>Depth Elev:</b>		<b>Easting:</b>	652905
<b>Drill Method:</b>	Power auger	<b>Northing:</b>	4767653
<b>Orig Ground Elev m:</b>	171	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	96.7		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218373140	<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	14.6	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.8	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel	<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt	<b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>		SAND(68),GRAVEL(16),SILT(14). GREY,COMPACT.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373136			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>		CLAY,SILT. GREY,SOFT.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373139			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	12.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>		TILL,SILT,SAND, GRAVEL. BROWN,GLACIAL,HARD.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373141			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	16.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	19.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>		SAND,SILT,CLAY. GREY,DENSE,LAYERED. 035 028 016 012 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373138			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>		TILL,CLAY,SILT, GRAVEL. BROWN,GLACIAL,STIFF.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373135			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Water-bearing			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>		WATER.			
<b>Stratum Description:</b>					
<b>Geology Stratum ID:</b>	218373137			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	7.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Sand			<b>Geologic Period:</b> <b>Depositional Gen:</b>	
		CLAY,SILT,SAND. BROWN,SOFT.			
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H Urban Geology Automated Information System (UGAIS) File: NIAGARA.txt RecordID: 049400 NTS_Sheet: 30M03A Logged by professional. Exact and complete description of material and properties.			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<b>31</b>	<b>1 of 1</b>	<b>SE/180.3</b>	<b>155.6 / -30.04</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>OGF ID:</b> <b>Status:</b> <b>Type:</b> <b>Use:</b> <b>Completion Date:</b> <b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> <b>Depth Ref:</b> <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>	606269 215508077  Borehole Geotechnical/Geological Investigation MAR-1964  Not Used  24.4 Ground Surface  Power auger 173  171          			<b>Inclin FLG:</b> <b>SP Status:</b> <b>Surv Elev:</b> <b>Piezometer:</b> <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> <b>Longitude DD:</b> <b>UTM Zone:</b> <b>Easting:</b> <b>Northing:</b> <b>Location Accuracy:</b> <b>Accuracy:</b>	No Initial Entry No No    43.04555 -79.123062 17 652875 4767583  Not Applicable
<b>Borehole Geology Stratum</b>					
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373127 0 2.1 Brown Fill Gravel Clay Asphalt FILL,GRAVEL,CLAY, ASPHALT. BROWN,COMPACT.			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Compact      fill

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218373129			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(60),CLAY(35), SAND(04). GREY,SOFT,LAYERED.				
<b>Geology Stratum ID:</b>	218373133			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	21.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	22.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT. GREY,DENSE.				
<b>Geology Stratum ID:</b>	218373134			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	22.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	24.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>	Limestone			<b>Geologic Period:</b>	Silurian
<b>Material 4:</b>	Gypsum			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,DOLOMITE, LIMESTONE,GYPSUM. GREY,AGE SILURIAN. 004 017 017030031 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373128			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Organic			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	organic
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,ORGANIC. VARI-COLOURED,SOFT.				
<b>Geology Stratum ID:</b>	218373132			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	18.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	21.9			<b>Material Texture:</b>	Medium
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND-MEDIUM,SILT. BROWN,DENSE.				
<b>Geology Stratum ID:</b>	218373130			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	8.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(50),CLAY(38), SAND(12). VARI-COLOURED,SOFT,LAYERED.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218373131			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	10.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clay			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,SAND(52), SILT(48),CLAY. BROWN,GLACIAL,DENSE, AGE GLACIAL.				

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049390 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

<u>32</u>	1 of 1	NNE/211.6	175.8 / -9.85	Enbridge Gas Distribution Inc. 7846 Hackberry Trail Niagara Falls ON	SPL
<b>Ref No:</b>	4361-B2KQHW			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/07/11			<b>Health/Env Conseq:</b>	2 - Minor Environment Corporation
<b>Year:</b>				<b>Client Type:</b>	Miscellaneous Communal
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	7846 Hackberry Trail
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1075			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4769205
<b>MOE Response:</b>	No			<b>Easting:</b>	652086
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/07/11			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Pipeline/Components
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	
<b>Site Name:</b>	residential <UNOFFICIAL>				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA - Enbridge, 1/2" plastic service line damaged, made safe				
<b>Contaminant Qty:</b>	0 other - see incident description				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<a href="#">33</a>	1 of 1	ESE/239.8	171.1 / -14.56	ON	WWIS
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<b>Well ID:</b>	6601403	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	12/16/1964
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3409
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461137	<b>Elevation:</b>	171.817993
<b>DP2BR:</b>	75	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653012.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4767742
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	10/6/1964	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932591624
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	68
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932591625			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		14			
<b>Most Common Material:</b>		HARDPAN			
<b>Mat2:</b>		11			
<b>Other Materials:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		68			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591626			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		75			
<b>Formation End Depth:</b>		78			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009707			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749086			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		75			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749087			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		996601403			
Pump Set At:					
Static Level:		22			
Final Level After Pumping:		75			
Recommended Pump Depth:		40			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933948682			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		78			
Water Found Depth UOM:		ft			

<a href="#">34</a>	1 of 1	ESE/244.9	172.1 / -13.57	lot 211 ON	WWIS
Well ID:	6601399			<b>Data Entry Status:</b>	
Construction Date:				<b>Data Src:</b>	1
Primary Water Use:	Domestic			<b>Date Received:</b>	12/20/1956
Sec. Water Use:	0			<b>Selected Flag:</b>	Yes
Final Well Status:	Water Supply			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	5425
Casing Material:				<b>Form Version:</b>	1
Audit No:				<b>Owner:</b>	
Tag:				<b>Street Name:</b>	
Construction Method:				<b>County:</b>	NIAGARA (WELLAND)
Elevation (m):				<b>Municipality:</b>	NIAGARA FALLS CITY
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	211
Well Depth:				<b>Concession:</b>	
Overburden/Bedrock:				<b>Concession Name:</b>	
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	
Clear/Cloudy:					

**Bore Hole Information**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bore Hole ID:</b>	10461133			<b>Elevation:</b>	172.744552
<b>DP2BR:</b>	76			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	653017.9
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4767747
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	9/26/1956			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932591604
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	1
<b>Formation End Depth:</b>	14
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932591606
<b>Layer:</b>	4
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	09
<b>Most Common Material:</b>	MEDIUM SAND
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	40
<b>Formation End Depth:</b>	70
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock Materials Interval**

<b>Formation ID:</b>	932591603
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	02
<b>Most Common Material:</b>	TOPSOIL
<b>Mat2:</b>	
<b>Other Materials:</b>	
<b>Mat3:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			1		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591607		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			11		
<b>Most Common Material:</b>			GRAVEL		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			70		
<b>Formation End Depth:</b>			76		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591605		
<b>Layer:</b>			3		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			14		
<b>Formation End Depth:</b>			40		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591608		
<b>Layer:</b>			6		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			76		
<b>Formation End Depth:</b>			82		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>			1		
<b>Method Construction:</b>			Cable Tool		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009703			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749080			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		82			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749079			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		76			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601399			
<b>Pump Set At:</b>					
<b>Static Level:</b>		16			
<b>Final Level After Pumping:</b>		21			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948678			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		80			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">35</a>	1 of 1	ENE/212.4	174.8 / -10.85	lot 211 ON	WWIS

<b>Well ID:</b>	6601402	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	7/25/1960
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3409
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	211
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

#### Bore Hole Information

<b>Bore Hole ID:</b>	10461136	<b>Elevation:</b>	175.178787
<b>DP2BR:</b>	62	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652971.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4768873
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	3/22/1960	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932591621
<b>Layer:</b>	2
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	09
<b>Other Materials:</b>	MEDIUM SAND
<b>Mat3:</b>	
<b>Other Materials:</b>	
<b>Formation Top Depth:</b>	48
<b>Formation End Depth:</b>	62
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932591620
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		48			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591623			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		64			
<b>Formation End Depth:</b>		65			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591622			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		62			
<b>Formation End Depth:</b>		64			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009706			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Construction Record - Casing**

Casing ID: 930749084  
 Layer: 1  
 Material: 1  
 Open Hole or Material: STEEL  
 Depth From:  
 Depth To: 64  
 Casing Diameter: 6  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930749085  
 Layer: 2  
 Material: 4  
 Open Hole or Material: OPEN HOLE  
 Depth From:  
 Depth To: 65  
 Casing Diameter: 6  
 Casing Diameter UOM: inch  
 Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996601402  
 Pump Set At:  
 Static Level: 12  
 Final Level After Pumping: 25  
 Recommended Pump Depth: 28  
 Pumping Rate: 22  
 Flowing Rate:  
 Recommended Pump Rate: 24  
 Levels UOM: ft  
 Rate UOM: GPM  
 Water State After Test Code: 1  
 Water State After Test: CLEAR  
 Pumping Test Method: 1  
 Pumping Duration HR: 5  
 Pumping Duration MIN: 0  
 Flowing: N

**Water Details**

Water ID: 933948681  
 Layer: 1  
 Kind Code: 1  
 Kind: FRESH  
 Water Found Depth: 64  
 Water Found Depth UOM: ft

<a href="#">36</a>	1 of 1	SW/101.3	153.9 / -31.77	ON	WWIS
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Well ID:	7289552	Data Entry Status:	Yes
Construction Date:		Data Src:	
Primary Water Use:		Date Received:	7/5/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:		Abandonment Rec:	
Water Type:		Contractor:	7215
Casing Material:		Form Version:	8

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Audit No:</b>	C37316			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (CROWLAND)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>	1006602828	<b>Elevation:</b>	151.436645
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	651609
<b>Code OB Desc:</b>		<b>North83:</b>	4767475
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	5/18/2017	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

<a href="#">37</a>	1 of 16	<b>ENE/216.0</b>	<b>174.8 / -10.85</b>	<b>8230 Oakwood Drive Niagara Falls ON L2E 6S5</b>	<b>CA</b>
<b>Certificate #:</b>	2324-4JMH				
<b>Application Year:</b>	00				
<b>Issue Date:</b>	4/20/00				
<b>Approval Type:</b>	Industrial air				
<b>Status:</b>	Approved				
<b>Application Type:</b>	New Certificate of Approval				
<b>Client Name:</b>	Eugene T. Willick				
<b>Client Address:</b>	8230 Oakwood Drive				
<b>Client City:</b>	Niagara Falls				
<b>Client Postal Code:</b>	L2E 6S5				
<b>Project Description:</b>	This is an application for an air certificate of approval to allow for the installation of a paint spray booth inside an existing spray booth made of fire rated drywall. Emissions will exhaust to the atmosphere vial a roof stack 8 m above grade.				
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">37</a>	2 of 16	<b>ENE/216.0</b>	<b>174.8 / -10.85</b>	<b>The Chair Expert Mobile Unit 8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON</b>	<b>EBR</b>
<b>EBR Registry No:</b>	IA00E0395	<b>Decision Posted:</b>			
<b>Ministry Ref No:</b>	4088-4GUKB9	<b>Exception Posted:</b>			
<b>Notice Type:</b>	Instrument Decision	<b>Section:</b>			
<b>Notice Stage:</b>	800476132	<b>Act 1:</b>			
<b>Notice Date:</b>	April 20, 2000	<b>Act 2:</b>			
<b>Proposal Date:</b>	February 25, 2000	<b>Site Location Map:</b>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year:</b>	2000				
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		The Chair Expert Mobile Unit			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		8230 Oakwood Drive, Niagara Falls Ontario, L2E 6S5			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls					
<a href="#">37</a>	3 of 16	ENE/216.0	174.8 / -10.85	VOLSCI CONSTRUCTION CO. 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	92,93,97,98,99,00,01			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4122				
<b>SIC Description:</b>		WATERWORKS & SEWAGE			
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">37</a>	4 of 16	ENE/216.0	174.8 / -10.85	VOLSCI CONSTRUCTION CO. INC. 40-295 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94,95,96			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4122				
<b>SIC Description:</b>		WATERWORKS & SEWAGE			
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">37</a>	5 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04,05,06,07,08			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>Co Admin:</b> <b>Phone No Admin:</b>			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">37</a>	6 of 16	ENE/216.0	174.8 / -10.85	VOLSCI CONSTRUCTION CO LTD 8230 OAKWOOD DR NIAGARA FALLS ON	EXP
<b>Instance No:</b>		10453573			
<b>Instance ID:</b>		18718			
<b>Instance Type:</b>		FS Highway Tank - Gas/Diesel			
<b>Description:</b>		FS HIGHWAY TANK - GASOLINE/DIESEL			
<b>Status:</b>		EXPIRED			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>					
<a href="#">37</a>	7 of 16	ENE/216.0	174.8 / -10.85	VOLSCI CONSTRUCTION CO LTD 8230 OAKWOOD DR NIAGARA FALLS ON	EXP
<b>Instance No:</b>		10472786			
<b>Instance ID:</b>		22107			
<b>Instance Type:</b>		FS Highway Tank - Gas/Diesel			
<b>Description:</b>		FS HIGHWAY TANK - GASOLINE/DIESEL			
<b>Status:</b>		EXPIRED			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>					
<a href="#">37</a>	8 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1441200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2009		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		237110			
<b>SIC Description:</b>		Water and Sewer Line and Related Structures Construction			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">37</a>	9 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	Water and Sewer Line and Related Structures Construction				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<a href="#">37</a>	10 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	Water and Sewer Line and Related Structures Construction				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">37</a>	11 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	Water and Sewer Line and Related Structures Construction				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">37</a>	12 of 16	ENE/216.0	174.8 / -10.85	8230 Oakwood Dr Niagara Falls ON L2E6S5	EHS
<b>Order No:</b>	20130711005			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	Niagara
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	19-JUL-13			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	11-JUL-13			<b>X:</b>	-79.120232
<b>Previous Site Name:</b>				<b>Y:</b>	43.056513
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Title Searches; City Directory				
<a href="#">37</a>	13 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<a href="#">37</a>	14 of 16	ENE/216.0	174.8 / -10.85	Eugene T. Willick 8230 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b>	2324-4JJMHH			<b>MOE District:</b>	Niagara
<b>Approval Date:</b>	2000-04-20			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	-79.14856
<b>Record Type:</b>	ECA			<b>Latitude:</b>	43.078407
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Niagara Peninsula			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	8230 Oakwood Drive				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4088-4GUKB9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4088-4GUKB9-14.pdf</a>				
<a href="#">37</a>	15 of 16	ENE/216.0	174.8 / -10.85	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	SAM M MANNELLA
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Detail(s)**

**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

[37](#)      16 of 16      **ENE/216.0**      **174.8 / -10.85**      **8230 Oakwood Drive  
Niagara Falls ON**      **EHS**

<b>Order No:</b>	20161102081	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	PA
<b>Report Date:</b>	09-NOV-16	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	02-NOV-16	<b>X:</b>	-79.12178
<b>Previous Site Name:</b>		<b>Y:</b>	43.056577
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos		

[38](#)      1 of 1      **ENE/239.7**      **174.8 / -10.85**      **ON**      **WWIS**

<b>Well ID:</b>	6601226	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	5/28/1963
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3409
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10460960	<b>Elevation:</b>	175.297042
<b>DP2BR:</b>	61	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652961.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4768916
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	5/13/1963	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932590911			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		42			
<b>Formation End Depth:</b>		61			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932590912			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		61			
<b>Formation End Depth:</b>		62			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932590910			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		42			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009530			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:	1				
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930748778				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	62				
Casing Diameter:	7				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<b><u>Construction Record - Casing</u></b>					
Casing ID:	930748777				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	61				
Casing Diameter:	7				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:	996601226				
Pump Set At:					
Static Level:	18				
Final Level After Pumping:	45				
Recommended Pump Depth:	45				
Pumping Rate:	17				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	N				
<b><u>Water Details</u></b>					
Water ID:	933948504				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	62				
Water Found Depth UOM:	ft				

[40](#)

1 of 1

WSW/49.7

172.8 / -12.92

NIAGARA FALLS ON

WWIS

Well ID: 6604849  
 Construction Date:  
 Primary Water Use:

Data Entry Status:  
 Data Src:  
 Date Received: 3/4/2005

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	6607
<b>Casing Material:</b>				<b>Form Version:</b>	3
<b>Audit No:</b>	Z21642			<b>Owner:</b>	
<b>Tag:</b>	A016901			<b>Street Name:</b>	8719 CHIPAWA CREEK RD
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

#### Bore Hole Information

<b>Bore Hole ID:</b>	11326932	<b>Elevation:</b>	177.434478
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	o	<b>East83:</b>	651294
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	4767833
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	12/8/2004	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	933034407
<b>Layer:</b>	2
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	84
<b>Other Materials:</b>	SILTY
<b>Mat3:</b>	34
<b>Other Materials:</b>	TILL
<b>Formation Top Depth:</b>	0.3
<b>Formation End Depth:</b>	2
<b>Formation End Depth UOM:</b>	m

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	933034408
<b>Layer:</b>	3
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	84



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Other Materials:</b>		SILTY			
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	2				
<b>Formation End Depth:</b>	3				
<b>Formation End Depth UOM:</b>	m				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		933034406			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	0.3				
<b>Formation End Depth UOM:</b>	m				
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933266628			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1.6			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>	6				
<b>Method Construction:</b>	Boring				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11341787			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930871635			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		-0.3			
<b>Depth To:</b>		2.2			
<b>Casing Diameter:</b>		1.9			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Screen ID:</b>		933412161			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		2.2			
<b>Screen End Depth:</b>		3			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		2.7			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		934058698			
<b>Layer:</b>		1			
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>		0			
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		11547779			
<b>Diameter:</b>		15			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

# Unplottable Summary

Total: **50** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Oakwood Drive	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Oakwood Drive	Niagara Falls ON	
CA	4-Lot Development on Kalar Road	Kalar Road	Niagara Falls ON	
CA	R.M. OF NIAGARA	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA		Kalar Road	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA	The Regional Municipality of Niagara	Oakwood Dr	Niagara Falls ON	
CA	Petro-Canada Inc.	Oakwood Dr	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Montrose Road	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	
CA	Lundy's Regency Arms Corp.	Oakwood Drive	Niagara Falls ON	
CA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	
CA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	from Montrose Road to 100 metres west	Niagara Falls ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	

CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	OAKWOOD DR., TWP. LOT 211	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD	NIAGARA FALLS CITY ON	
CONV	Modern Mosaic Limited		Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	L2E 6X5
ECA	The Regional Municipality of Niagara	Kalar Rd	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road	Niagara Falls ON	L2E 6X5
ECA	Lundy's Regency Arms Corp.	Oakwood Dr	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Road	Niagara Falls ON	L2E 6X5
ECA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	L2E 6S5
ECA	Andrew M. Fortuna	Kalar Road	Niagara Falls ON	L2E 6S4
ECA	The Corporation of the City of Niagara Falls	from Montrose Road to 100 metres west	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Montrose and Kalar Roads	Niagara Falls ON	
ECA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	from Montrose Road to 100 metres west	Niagara Falls ON	L2E 6X5
ECA	Lundy's Regency Arms Corp.	Oakwood Dr	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	Petro-Canada Inc.	Oakwood Dr	Niagara Falls ON	L6L 6N5

ECA	The Corporation of the City of Niagara Falls	Blackburn Parkway	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Blackburn Pky	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Kalar Road	Niagara Falls ON	L2E 6X5
ECA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
EHS		Montrose Road	Niagara Falls ON	
NCPL	Ford Motor Company of Canada		Niagara Falls (Welland) ON	
PTTW	2285045 Ontario Inc.	Ponds 1,2,3,4,5, Main Irrigation Pond and Welland River Lot: 1-6, Concession: Broken Front, Geographic Township: CROWLAND, Niagara Falls, City, Regional	Municipality of Niagara CROWLAND ON	
PTTW	Grand Niagara Golf Corporation	Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
PTTW	Grand Niagara Golf Corporation	Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
SCT	MORNINGSTAR LUMBER LIMITED	MONTROSE RD	NIAGARA FALLS ON	L2H
SPL	TRANSPORT TRUCK	ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SRDS	FORD MOTOR COMPANY		NIAGARA FALLS ON	

# Unplottable Report

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**Site:** Oakwood Drive Niagara Falls ON **Database:** CA

**Certificate #:** 2952-57YR3F  
**Application Year:** 02  
**Issue Date:** 4/12/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Consulate Ventures Inc.  
**Client Address:** 377 Burnhamthorpe Road East  
**Client City:** Mississauga  
**Client Postal Code:**  
**Project Description:** Storm and sanitary sewer construction  
**Contaminants:**  
**Emission Control:**

---

**Site:** Montrose Road Niagara Falls ON **Database:** CA

**Certificate #:** 3874-4KUSJZ  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of 610m of 300m diameter PVC watermain to replace 150mm and 200mm D watermain (including appurtenances). Installation of the watermain along Montrose Road (from Industrial Street to Chorozy Street).  
**Contaminants:**  
**Emission Control:**

---

**Site:** Oakwood Drive Niagara Falls ON **Database:** CA

**Certificate #:** 0254-4H2TFV  
**Application Year:** 00  
**Issue Date:** 3/16/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Watermains to be constructed in the City of Niagara Falls.  
**Contaminants:**  
**Emission Control:**

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**Site:** 4-Lot Development on Kalar Road Niagara Falls ON **Database:** CA

**Certificate #:** 0172-5B8RQ2  
**Application Year:** 02  
**Issue Date:** 6/19/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Andrew M. Fortuna  
**Client Address:** 3736 Kalar Road  
**Client City:** Niagara Falls  
**Client Postal Code:** L2E 6S4  
**Project Description:** This application is for the construction of sanitary sewer on Kalar Road.  
**Contaminants:**  
**Emission Control:**

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**Site:** **R.M. OF NIAGARA**  
**MONTROSE RD. NIAGARA FALLS CITY ON**

**Database:**  
**CA**

**Certificate #:** 7-0664-86-  
**Application Year:** 86  
**Issue Date:** 6/27/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** **Kalar Road Niagara Falls ON**

**Database:**  
**CA**

**Certificate #:** 8184-4ZSQKR  
**Application Year:** 01  
**Issue Date:** 8/24/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, P.O. Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** This application is for the construction of a sanitary sewer extension on Kalar Road from the existing sanitary line on Westwood Street to serve the Long Term Care Facility.  
**Contaminants:**  
**Emission Control:**

---

**Site:** **Montrose Road Niagara Falls ON**

**Database:**  
**CA**

**Certificate #:** 7074-4KPQZX  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, PO Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** Storm Sewers  
**Contaminants:**

**Emission Control:**

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**Site:** *The Regional Municipality of Niagara  
Oakwood Dr Niagara Falls ON*

**Database:**  
[CA](#)

**Certificate #:** 0397-7NNHUF  
**Application Year:** 2009  
**Issue Date:** 2/5/2009  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Petro-Canada Inc.  
Oakwood Dr Niagara Falls ON*

**Database:**  
[CA](#)

**Certificate #:** 1646-7LTMLY  
**Application Year:** 2008  
**Issue Date:** 12/2/2008  
**Approval Type:** Industrial Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls  
Montrose Road Niagara Falls ON*

**Database:**  
[CA](#)

**Certificate #:** 3382-6V5RB3  
**Application Year:** 2006  
**Issue Date:** 11/9/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON*

**Database:**  
[CA](#)

**Certificate #:** 4591-78XQFD  
**Application Year:** 2007  
**Issue Date:** 12/5/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**



**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *Lundy's Regency Arms Corp.  
Oakwood Drive Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 4696-5MAPUE  
**Application Year:** 2003  
**Issue Date:** 5/9/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *800460 Ontario Limited  
Kalar Rd Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 5894-77KSJS  
**Application Year:** 2007  
**Issue Date:** 10/17/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 6146-7RLK55  
**Application Year:** 2009  
**Issue Date:** 5/1/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls  
from Montrose Road to 100 metres west Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 7291-6G6J2Q  
**Application Year:** 2005  
**Issue Date:** 9/13/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0691-86-  
**Application Year:** 86  
**Issue Date:** 7/4/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0950-88-  
**Application Year:** 88  
**Issue Date:** 7/7/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1388-86-  
**Application Year:** 86  
**Issue Date:** 11/24/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0809-86-  
**Application Year:** 86  
**Issue Date:** 7/22/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
OAKWOOD DR., TWP. LOT 211 NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2239-93-  
**Application Year:** 93  
**Issue Date:** 10/28/1993  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** DIESEL GENERATOR FOR SAN. SEW. P.S.  
**Contaminants:** Nitrogen Oxides  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1394-86-  
**Application Year:** 86  
**Issue Date:** 9/11/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Modern Mosaic Limited  
Niagara Falls ON

**Database:**  
CONV

**File No:** 110903  
**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**

**Location:**  
**Region:**  
**Ministry District:**

**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:**

Modern Mosaic Limited has been fined \$21,000 after pleading guilty to three counts under the Ontario Water Resources Act (OWRA). The company produces specialty concrete forms at a facility in Niagara Falls. The process requires the use of acids to etch the external surfaces of the poured concrete. The acids are then washed off, collected and drained to a sewage works located on the property as wastewater that is required to be treated. This process has been approved by the Ministry of the Environment through a Certificate of Approval. In August 2003, ministry staff inspected the facility and found that the existing sewage works had been altered without ministry approval and that the wastewater generated from the concrete forming operation was not being treated in accordance with its Certificate of Approval. The matter was referred to MOE's Investigations and Enforcement Branch and charges were laid. On October 21, 2005, Modern Mosaic Limited pleaded guilty to one count of discharging a material that may impair the quality of water, contrary to Section 30(1) of the OWRA, and two counts of failing to comply with conditions of its Certificate of Approval, contrary to Section 107(3) of the act. The company was fined \$8,000 on the first count, \$5,000 on the second and an additional \$8,000 on the third for a total of \$21,000. The fines are exclusive of victim fine surcharges.

**Background:**  
**URL:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 30(1), 107(3)  
**Act/Regulation/Section:** OWRA- -30(1), 107(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 10/21/2005  
**Charge Disposition:** Fine, plus victim fine surcharge  
**Fine:** \$21,000  
**Synopsis:**

---

**Site:** *The Corporation of the City of Niagara Falls*  
*Montrose Rd Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

**Approval No:** 3382-6V5RB3  
**Approval Date:** 2006-11-09  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8558-6TMTDM-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Regional Municipality of Niagara*  
*Kalar Rd Niagara Falls ON*

**Database:**  
*ECA*

**Approval No:** 8184-4ZSQKR  
**Approval Date:** 2001-08-24  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4143-4ZSLJN-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** *The Corporation of the City of Niagara Falls  
Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 9097-7HNNG6  
**Approval Date:** 2008-09-24  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4265-7GSMT9-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Lundy's Regency Arms Corp.  
Oakwood Dr Niagara Falls ON*

**Database:**  
[ECA](#)

**Approval No:** 1609-5MAQ3U  
**Approval Date:** 2003-05-09  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Montrose Rd Niagara Falls ON*

**Database:**  
[ECA](#)

**Approval No:** 3874-4KUSJZ  
**Approval Date:** 2000-06-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Kalar Road Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 3353-92EQXN  
**Approval Date:** 2012-11-29  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9004-8ZZJM5-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** 800460 Ontario Limited  
Kalar Rd Niagara Falls ON L2E 6S5

**Database:**  
ECA

**Approval No:** 5894-77KSJS  
**Approval Date:** 2007-10-17  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4222-77GQBD-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** Andrew M. Fortuna  
Kalar Road Niagara Falls ON L2E 6S4

**Database:**  
ECA

**Approval No:** 0172-5B8RQ2  
**Approval Date:** 2002-06-19  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7125-5B7NXZ-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** The Corporation of the City of Niagara Falls  
from Montrose Road to 100 metres west Niagara Falls ON L2E 6X5

**Database:**  
ECA

**Approval No:** 7291-6G6J2Q  
**Approval Date:** 2005-09-13  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** from Montrose Road to 100 metres west  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3937-6G2K9X-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** The Corporation of the City of Niagara Falls  
Montrose and Kalar Roads Niagara Falls ON

**Database:**  
ECA

**Approval No:** 7011-5CUMDF  
**Approval Date:** 2002-08-11  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Montrose and Kalar Roads  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON

**Database:**  
ECA

**Approval No:** 7074-4KPQZX  
**Approval Date:** 2000-06-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6007-4KERD6-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 4591-78XQFD  
**Approval Date:** 2007-12-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3245-78NQMC-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
from Montrose Road to 100 metres west Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 9879-6G6J7K  
**Approval Date:** 2005-09-13  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** from Montrose Road to 100 metres west  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Lundy's Regency Arms Corp.  
Oakwood Dr Niagara Falls ON*

**Database:**  
[ECA](#)

**Approval No:** 4696-5MAPUE  
**Approval Date:** 2003-05-09  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1250-5LNU2C-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 7721-78XRB3  
**Approval Date:** 2007-12-05  
**MOE District:**  
**City:**

**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:**

**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Petro-Canada Inc.*  
*Oakwood Dr Niagara Falls ON L6L 6N5*

**Database:**  
*ECA*

**Approval No:** 1646-7LTMLY  
**Approval Date:** 2008-12-02  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7029-7KFHHY-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls*  
*Blackburn Parkway Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

**Approval No:** 4391-BAPSN7  
**Approval Date:** 2019-04-28  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Blackburn Parkway  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4283-B7NKD3-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls*  
*Blackburn Pky Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

**Approval No:** 1405-B9EKDT  
**Approval Date:** 2019-02-25  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Blackburn Pky  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0660-B9ALF5-13.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls*  
*Kalar Road Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

**Approval No:** 0605-AZFRCZ  
**Approval Date:** 2018-06-22  
**Status:** Approved  
**Record Type:** ECA

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**



**Link Source:** IDS  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1381-AZBRPB-14.pdf>

**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON*

**Database:**  
*ECA*

**Approval No:** 6146-7RLK55  
**Approval Date:** 2009-05-01  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4355-7REMBJ-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Montrose Road Niagara Falls ON*

**Database:**  
*EHS*

**Order No:** 20130321024  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 28-MAR-13  
**Date Received:** 21-MAR-13  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** 0  
**Y:** 0

---

**Site:** *Ford Motor Company of Canada  
Niagara Falls (Welland) ON*

**Database:**  
*NCPL*

**Year:** 1992  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Glass Plant  
**District Area:**  
**Type of Concern:** Policy and Guidelines  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded guidelines for biochemical oxygen demand and total suspended solids once each during the reporting period. Both exceedances were attributed to operational problems of the wastewater treatment plant. Company has improved operation and compliance is expected in 1993. This plant will be closed in early 1994, and all direct wastewater discharges will cease at that time.

---

**Site:** *2285045 Ontario Inc.  
Ponds 1,2,3,4,5, Main Irrigation Pond and Welland River Lot: 1-6, Concession: Broken Front, Geographic Township:  
CROWLAND, Niagara Falls, City, Regional Municipality of Niagara CROWLAND ON*

**Database:**  
*PTTW*

**EBR Registry No:** 011-8555  
**Ministry Ref No:** 5100-95KLCZ  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** July 04, 2016  
**Proposal Date:** March 12, 2013  
**Year:** 2013  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Posted By:**  
**Company Name:** 2285045 Ontario Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 8547 Grassy Brook Road, Niagara Falls Ontario, Canada L0S 1K0  
**Comment Period:**  
**URL:**

**Site Location Details:**

Ponds 1,2,3,4,5, Main Irrigation Pond and Welland River Lot: 1-6, Concession: Broken Front, Geographic Township: CROWLAND, Niagara Falls, City, Regional Municipality of Niagara CROWLAND

---

**Site:** **Grand Niagara Golf Corporation**  
**Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON**

**Database:**  
**PTTW**

**EBR Registry No:** 010-5157  
**Ministry Ref No:** 2676-7L9KRG  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** May 06, 2010  
**Proposal Date:** November 12, 2008  
**Year:** 2008

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Instrument Type:** (OWRA s. 34) - Permit to Take Water

**Off Instrument Name:**

**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Site Location Details:**

Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS

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**Site:** **Grand Niagara Golf Corporation**  
**Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON**

**Database:**  
**PTTW**

**EBR Registry No:** IA03E0010  
**Ministry Ref No:** 23024331  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** December 18, 2003  
**Proposal Date:** January 02, 2003  
**Year:** 2003

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Instrument Type:** (OWRA s. 34) - Permit to Take Water

**Off Instrument Name:**

**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Site Location Details:**

**Site:** MORNINGSTAR LUMBER LIMITED  
MONTROSE RD NIAGARA FALLS ON L2H

**Database:**  
SCT

**Established:** 0000  
**Plant Size (ft²):** 1400  
**Employment:** 1

**--Details--**

**Description:** HARDWOOD DIMENSION AND FLOORING MILLS  
**SIC/NAICS Code:** 2426

**Description:** Other Millwork  
**SIC/NAICS Code:** 321919

**Site:** TRANSPORT TRUCK  
ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS  
CITY ON

**Database:**  
SPL

<b>Ref No:</b> 113009	<b>Discharger Report:</b>
<b>Site No:</b>	<b>Material Group:</b>
<b>Incident Dt:</b> 5/11/1995	<b>Health/Env Conseq:</b>
<b>Year:</b>	<b>Client Type:</b>
<b>Incident Cause:</b> OTHER CONTAINER LEAK	<b>Sector Type:</b>
<b>Incident Event:</b>	<b>Agency Involved:</b>
<b>Contaminant Code:</b>	<b>Nearest Watercourse:</b>
<b>Contaminant Name:</b>	<b>Site Address:</b>
<b>Contaminant Limit 1:</b>	<b>Site District Office:</b>
<b>Contam Limit Freq 1:</b>	<b>Site Postal Code:</b>
<b>Contaminant UN No 1:</b>	<b>Site Region:</b>
<b>Environment Impact:</b> POSSIBLE	<b>Site Municipality:</b> 18101
<b>Nature of Impact:</b> Soil contamination	<b>Site Lot:</b>
<b>Receiving Medium:</b> LAND	<b>Site Conc:</b>
<b>Receiving Env:</b>	<b>Northing:</b>
<b>MOE Response:</b>	<b>Easting:</b> MTO
<b>Dt MOE Arvl on Scn:</b>	<b>Site Geo Ref Accu:</b>
<b>MOE Reported Dt:</b> 5/11/1995	<b>Site Map Datum:</b>
<b>Dt Document Closed:</b>	<b>SAC Action Class:</b>
<b>Incident Reason:</b> EQUIPMENT FAILURE	<b>Source Type:</b>
<b>Site Name:</b>	
<b>Site County/District:</b>	
<b>Site Geo Ref Meth:</b>	
<b>Incident Summary:</b> CRAGCO LTD. - 450 L OF DIESEL FUEL TO GROUND FROM TRANSPORT TRUCK.	
<b>Contaminant Qty:</b>	

**Site:** FORD MOTOR COMPANY  
NIAGARA FALLS ON

**Database:**  
SRDS

<b>Company Code:</b>	<b>Sector:</b>
<b>Works ID:</b> 11	<b>Region:</b> MOE WEST CENTRAL REGION
<b>SIC:</b> 3259	<b>District:</b> MOE WELLAND DISTRICT
<b>SIC1:</b> 3259	<b>UTM Zone:</b> 17
<b>SIC1 Desc:</b> OTHER VEHICLE ACCES.	<b>UTM Easting:</b> 653500
<b>SIC2:</b>	<b>UTM Northing:</b> 4767300
<b>SIC2 Desc:</b>	<b>UTM Precision:</b>
<b>SIC3:</b>	<b>Minor Basin:</b> LAKE ONTARIO
<b>SIC3 Desc:</b>	<b>Major Basin:</b> GREAT LAKES
<b>Body of Water:</b>	<b>Report Year:</b> 1990-1994
<b>Terminal Stream:</b>	
<b>SIC Desc:</b> OTHER MOTOR VEHICLE ACCESS PARTS & ASSEM IND	
<b>Mailing Address:</b> 9127 MONTROSE ROAD, NIAGARA FALLS L2E6X3	

**Corp Address:** 9127 MONTROSE ROAD

**MISA Industrial Wastewater  
Discharge**

**Company Code:**  
**Control Point Id:** 29  
**Sample Date:**  
**Regulation:**  
**Value:**

**Unit Of Measure:**  
**Control Point Name:** FINAL DISCHARGE - GROSS DATA  
**Parameter Name:**

**Result Structure:**  
**Param Reported As:**  
**Frequency:**  
**Sector:** MISCELLANEOUS  
**Component Type:**

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jul 31, 2019**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jul 31, 2019**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Nov 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Nov 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Dec 31, 2019**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Dec 31, 2019**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Oct 31, 2019**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Nov 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FED TANKS**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial **FSTH**

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial **GEN**

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Oct 31, 2019**



**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date:** Dec 31, 2018

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date:** Up to May 2001\*

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date:** Mar 1999-Apr 2018

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date:** 2001-Apr 2007\*

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date:** 2008-Dec 31, 2019

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date:** 1920-Feb 2003\*

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date:** 1974-2003\*

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date:** 1988-2008\*

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date:** 1993-May 2017

**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Dec 31, 2019**

**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Dec 2019**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Dec 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jul 31, 2019**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Jun 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: 2011-Dec 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



# DATABASE REPORT

**Project Property:** 18104462  
18104462 (Site 8)  
Niagara Falls ON L2H 0A6

**Project No:**

**Report Type:** Quote - Custom-Build Your Own Report

**Order No:** 20200203214

**Requested by:** Golder Associates Ltd.

**Date Completed:** February 6, 2020

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# Executive Summary

## **Property Information:**

**Project Property:** 18104462  
18104462 (Site 8) Niagara Falls ON L2H 0A6

**Project No:**

## **Order Information:**

**Order No:** 20200203214  
**Date Requested:** February 3, 2020  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	1	0	1
CA	<i>Certificates of Approval</i>	Y	0	1	1
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	1	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	1	1	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	10	10
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	0	0
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	2	2
<b>Total:</b>			2	16	18

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	BORE		ON	SE/0.0	-9.02	<a href="#">15</a>
<a href="#">2</a>	EHS		7269 and 6533 reixinger road niagara falls ON L2E 6S6	WSW/0.0	-5.49	<a href="#">17</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">3</a>	EBR	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON	ESE/71.5	-6.05	<a href="#">17</a>
<a href="#">3</a>	CA	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	ESE/71.5	-6.05	<a href="#">18</a>
<a href="#">3</a>	ECA	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	ESE/71.5	-6.05	<a href="#">18</a>
<a href="#">4</a>	WWIS		lot 9 ON  <b>Well ID:</b> 6602252	SW/19.2	-0.21	<a href="#">18</a>
<a href="#">5</a>	EHS		7089 Reixinger Rd Niagara Falls ON L2E 6S6	SW/36.1	0.14	<a href="#">21</a>
<a href="#">6</a>	WWIS		lot 16 con 7 ON  <b>Well ID:</b> 6602286	SW/68.3	-13.37	<a href="#">21</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	WSW/178.7	0.99	<a href="#">24</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	WSW/178.7	0.99	<a href="#">24</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	WSW/178.7	0.99	<a href="#">26</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SW/238.5	-9.93	<u>27</u>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	0.0	<a href="#"><u>1</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	71.5	<a href="#"><u>3</u></a>

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Dec 31, 2019 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON	71.5	<a href="#"><u>3</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	71.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	7269 and 6533 reixinger road niagara falls ON L2E 6S6	0.0	<a href="#"><u>2</u></a>
	7089 Reixinger Rd Niagara Falls ON L2E 6S6	36.1	<a href="#"><u>5</u></a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 10 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	178.7	<a href="#"><u>7</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	238.5	<a href="#"><u>8</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 9 ON  <i>Well ID:</i> 6602252	19.2	<a href="#"><u>4</u></a>
	lot 16 con 7 ON  <i>Well ID:</i> 6602286	68.3	<a href="#"><u>6</u></a>

79°7'W

79°6'30"W

79°6'W

43°2'30"N

43°2'30"N



### Map : 0.25 Kilometer Radius

Order Number: 20200203214

Address: 18104462 (Site 8), Niagara Falls, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Ferry Route/Ice Road		



**Aerial** Year: 2018

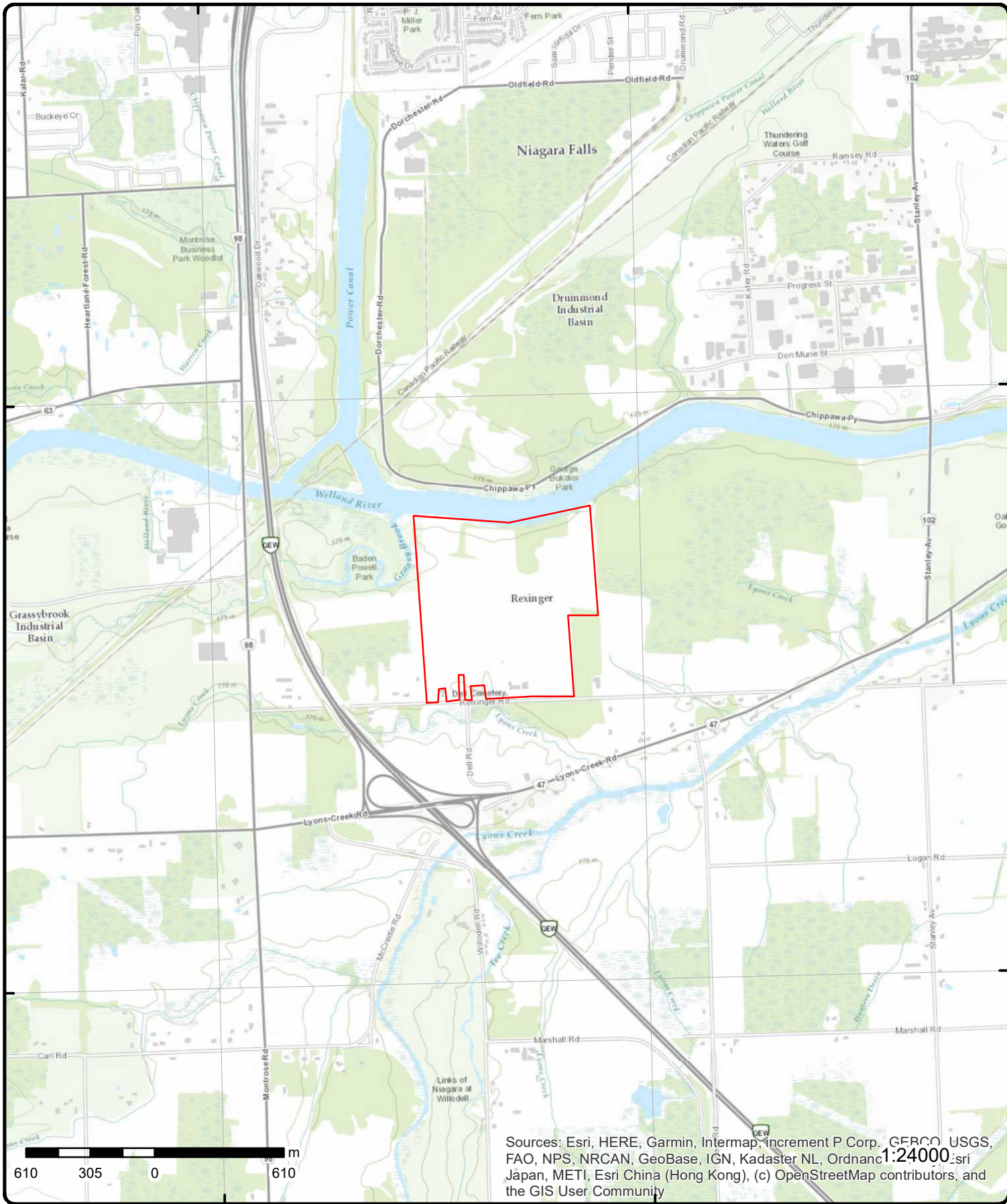
**Address: 18104462 (Site 8), Niagara Falls, ON**

Source: ESRI World Imagery

Order Number: 20200203214



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# Topographic Map

Address: 18104462 (Site 8), ON

Source: ESRI World Topographic Map

Order Number: 20200203214



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SE/0.0	169.9 / -9.02	ON	BORE
<b>Borehole ID:</b>		606429		<b>Inclin FLG:</b>	No
<b>OGF ID:</b>		215508237		<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>		Borehole		<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>		AUG-1954		<b>Municipality:</b>	
<b>Static Water Level:</b>		3.2		<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.03923
<b>Total Depth m:</b>		-999		<b>Longitude DD:</b>	-79.1057
<b>Depth Ref:</b>		Ground Surface		<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	654305
<b>Drill Method:</b>				<b>Northing:</b>	4766913
<b>Orig Ground Elev m:</b>		176		<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>		177			
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218373966	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	38.1	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	85.3	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	BEDROCK.		
<b>Geology Stratum ID:</b>	218373970	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	128	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	137	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Shale	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	BEDROCK, SHALE. GREY.		
<b>Geology Stratum ID:</b>	218373964	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	31.1	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Unknown	<b>Geologic Formation:</b>	
<b>Material 2:</b>		<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>		UNSPECIFIED.		<b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373965 31.1 38.1  Bedrock Limestone Shale			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373971 137 143 Light Bedrock Sandstone	BEDROCK,LIMESTONE, SHALE. WATER STABLE AT 569.6 FEET.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373967 85.3 102  Bedrock Shale			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373969 112 128 Red Bedrock Sandstone	BEDROCK,SHALE.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373968 102 112  Bedrock			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b>	218373972 143  Red Bedrock Shale	BEDROCK.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Material 4:** **Depositional Gen:**  
**Gsc Material Description:**  
**Stratum Description:** BEDROCK, SHALE. RED. 0102003701250035028000320335003103700027042000270450002504700024 \*\*Note:  
 Many records provided by the department have a truncated [Stratum Description] field.

**Source**

**Source Type:** Data Survey  
**Source Orig:** Geological Survey of Canada  
**Source Date:** 1956-1972  
**Confidence:** M  
**Observatio:**  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Details:** File: NIAGARA.txt RecordID: 050990 NTS\_Sheet: 30M03A  
**Confiden 1:** Reliable information but incomplete.

**Source Appl:** Spatial/Tabular  
**Source Iden:** 1  
**Scale or Res:** Varies  
**Horizontal:** NAD27  
**Verticalda:** Mean Average Sea Level

**Source List**

**Source Identifier:** 1  
**Source Type:** Data Survey  
**Source Date:** 1956-1972  
**Scale or Resolution:** Varies  
**Source Name:** Urban Geology Automated Information System (UGAIS)  
**Source Originators:** Geological Survey of Canada

**Horizontal Datum:** NAD27  
**Vertical Datum:** Mean Average Sea Level  
**Projection Name:** Universal Transverse Mercator

<u>2</u>	1 of 1	WSW/0.0	173.4 / -5.49	7269 and 6533 reixinger road niagara falls ON L2E 6S6	EHS
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**Order No:** 20060111001  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 1/19/2006  
**Date Received:** 1/11/2006  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:** Dell road  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** 1  
**X:** -79.111486  
**Y:** 43.0396

<u>3</u>	1 of 3	ESE/71.5	172.8 / -6.05	Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON	EBR
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**EBR Registry No:** IA03E1073  
**Ministry Ref No:** 4202-5NEK63  
**Notice Type:** Instrument Decision  
**Notice Stage:** 800722029  
**Notice Date:** January 26, 2004  
**Proposal Date:** July 24, 2003  
**Year:** 2003  
**Instrument Type:** (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Lyons Creek Metal Finishing Ltd.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 6533 Reixinger Road, Niagara Falls Ontario, L2E 6S6  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls					
<a href="#">3</a>	2 of 3	ESE/71.5	172.8 / -6.05	Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls ON L2E 6S6	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		6678-5VCMTG 2004 1/20/2004 Air Revoked and/or Replaced			
<a href="#">3</a>	3 of 3	ESE/71.5	172.8 / -6.05	Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls ON L2E 6S6	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		6678-5VCMTG 2004-01-20 Revoked and/or Replaced ECA IDS Niagara Peninsula ECA-AIR AIR 6533 Reixinger Road		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
				Niagara -79.10333 43.03899399999995	
<b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		Niagara Peninsula ECA-AIR AIR 6533 Reixinger Road https://www.accessenvironment.ene.gov.on.ca/instruments/4202-5NEK63-14.pdf			
<a href="#">4</a>	1 of 1	SW/19.2	178.7 / -0.21	lot 9 ON	WWIS
<b>Well ID:</b> <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b>		6602252 Public 0 Water Supply Water Supply 009			
		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> <b>Selected Flag:</b> <b>Abandonment Rec:</b> <b>Contractor:</b> <b>Form Version:</b> <b>Owner:</b> <b>Street Name:</b> <b>County:</b> <b>Municipality:</b> <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
		1 12/9/1954 Yes 3409 1 NIAGARA (WELLAND) NIAGARA FALLS CITY (WILLOUGHBY) 009 BF WR			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10461985			<b>Elevation:</b>	175.44487
<b>DP2BR:</b>	85			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	653724
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4766671
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	5/31/1954			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594353				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	12				
<b>Most Common Material:</b>	STONES				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	80				
<b>Formation End Depth:</b>	83				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594352				
<b>Layer:</b>	2				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	10				
<b>Formation End Depth:</b>	80				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594351				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932594355			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		85			
<b>Formation End Depth:</b>		92			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932594354			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		83			
<b>Formation End Depth:</b>		85			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010555			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930750597			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		92			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602252			
<b>Pump Set At:</b>					
<b>Static Level:</b>		14			
<b>Final Level After Pumping:</b>		35			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		4			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949555			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		92			
<b>Water Found Depth UOM:</b>		ft			
<u>5</u>	1 of 1	SW/36.1	179.0 / 0.14	7089 Reixinger Rd Niagara Falls ON L2E 6S6	EHS
<b>Order No:</b>		20130123035		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>		Standard Select Report		<b>Client Prov/State:</b>	ON
<b>Report Date:</b>		01-FEB-13		<b>Search Radius (km):</b>	.25
<b>Date Received:</b>		23-JAN-13		<b>X:</b>	-79.113109
<b>Previous Site Name:</b>				<b>Y:</b>	43.037259
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		City Directory			
<u>6</u>	1 of 1	SW/68.3	165.5 / -13.37	lot 16 con 7 ON	WWIS
<b>Well ID:</b>		6602286		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>		Public		<b>Date Received:</b>	12/9/1954
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Site Info:</b> <b>Lot:</b> 016 <b>Concession:</b> 07 <b>Concession Name:</b> CON <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10462019 <b>DP2BR:</b> 36 <b>Spatial Status:</b> <b>Code OB:</b> r <b>Code OB Desc:</b> Bedrock <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 6/4/1954 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Elevation:</b> 174.183074 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 653742 <b>North83:</b> 4766581 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> p9	
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 932594463 <b>Layer:</b> 4 <b>Color:</b> <b>General Color:</b> <b>Mat1:</b> 11 <b>Most Common Material:</b> GRAVEL <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> 34 <b>Formation End Depth:</b> 36 <b>Formation End Depth UOM:</b> ft					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b> 932594461 <b>Layer:</b> 2 <b>Color:</b> 3 <b>General Color:</b> BLUE <b>Mat1:</b> 05 <b>Most Common Material:</b> CLAY <b>Mat2:</b> <b>Other Materials:</b> <b>Mat3:</b> <b>Other Materials:</b> <b>Formation Top Depth:</b> 15 <b>Formation End Depth:</b> 33 <b>Formation End Depth UOM:</b> ft					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594460		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			15		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594464		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			36		
<b>Formation End Depth:</b>			37		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594462		
<b>Layer:</b>			3		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>			11		
<b>Other Materials:</b>			GRAVEL		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			33		
<b>Formation End Depth:</b>			34		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>			1		
<b>Method Construction:</b>			Cable Tool		
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			11010589		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930750650			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		996602286			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		20			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933949589			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		36			
Water Found Depth UOM:		ft			

<u>7</u>	1 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
Generator No:		ON5737072		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		238320			
SIC Description:		Painting and Wall Covering Contractors			

<u>7</u>	2 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
Generator No:		ON5737072		PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013  238320			Choice of Contact: Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	3 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2016 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	4 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2015 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	5 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2014 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class:	145				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<u>7</u>	6 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc Proline Pavement Markings 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<u>8</u>	1 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	2 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	3 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2G 0R9	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			

<u>8</u>	4 of 4	SW/238.5	169.0 / -9.93	<b>Nexterra Substructures Incorporated</b> <b>7226 Reixinger Road</b> <b>Niagara Falls ON L2G 0R9</b>	<b>GEN</b>
<b>Generator No:</b> ON8726314 <b>Status:</b> Registered <b>Approval Years:</b> As of Oct 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			

# Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CITY	DELL AVE.	NIAGARA FALLS CITY ON	
CA	NATIVE HERITAGE REALTY LIMITED	LYON'S CREEK ROAD	NIAGARA FALLS CITY ON	
CA		Part Township Lot 223 & 224, Chippawa Parkway	Niagara Falls ON	
CA	NATIVE HERITAGE REALTY LIMITED	LYON'S CREEK ROAD	NIAGARA FALLS CITY ON	
CONV	IAN HERD	Reixinger Road	Niagara Falls ON	
SPL	R & R Trucking Inc.	QEW Southbound, south of McLeod Road	Niagara Falls ON	
SPL	Enbridge Energy Distribution Inc.	lot 6	Niagara Falls ON	
SPL	Ramgarhia Trucking Inc.	QEW near Lyons Creek Road (Toronto bound)	Niagara Falls ON	
SPL	2305016 Ontario Inc.	QEW north of Thorold Stone RD	Niagara Falls ON	

# Unplottable Report

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**Site:** CITY  
DELL AVE. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1256-85-006  
**Application Year:** 85  
**Issue Date:** 11/9/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NATIVE HERITAGE REALTY LIMITED  
LYON'S CREEK ROAD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1088-92-  
**Application Year:** 92  
**Issue Date:** 11/9/1992  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Part Township Lot 223 & 224, Chippawa Parkway Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6210-4HLKUN  
**Application Year:** 00  
**Issue Date:** 3/22/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of watermains on Reilly Street from Front Street to Chippawa Parkway  
**Contaminants:**  
**Emission Control:**

---

**Site:** NATIVE HERITAGE REALTY LIMITED  
LYON'S CREEK ROAD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1399-92-

**Application Year:** 92  
**Issue Date:** 11/9/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** IAN HERD  
Reixinger Road Niagara Falls ON

**Database:**  
CONV

**File No:** 050104

**Location:**

**Crown Brief No:**

**Region:**

**Court Location:**

**Ministry District:**

**Publication City:**

**Publication Title:**

**Act:**

**Act(s):**

**First Matter:**

**Second Matter:**

**Investigation 1:**

**Investigation 2:**

**Penalty Imposed:**

**Description:**

On March 20, 2009, Ian M. Herd was sentenced ex parte, to six months in jail after being convicted on August 15, 2008 for failing to have oil-contaminated soil transported to an approved waste management facility by an approved waste hauler and failing to submit copies of all manifests and receipts to the ministry. An order was also issued to Mr. Herd and 1499974 Ontario Inc. to clean up the site in St. Catharines. Since Mr. Herd was not in attendance at the time of sentencing, a committal warrant was issued for his arrest. The Court heard that Mr. Herd is the sole director of 1499974 Ontario Inc. In April of 2006, the company purchased a property on Reixinger Road in Niagara Falls that contained an abundance of scrap metal, tires and liquid automobile wastes in barrels. In August of 2006, ministry staff issued an order to the company and Mr. Herd, requiring the removal of the oil-contaminated soil at the property and submission of all receipts related to the clean-up. Mr. Herd failed to comply with the order. Mr. Herd and the company were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch. Mr. Herd had previously been convicted of two other offences under the Environmental Protection Act. In 2004, he was convicted of operating a waste disposal site for tires in Belleville without a Certificate of Approval. A fine of \$13,000 was imposed, as well as a court order to clean up the site. He was then charged with failing to comply with the court order and pleaded guilty to the charge in June 2008. In September 2008, he was sentenced to sixty days in jail to be served intermittently, and two years of probation. His fine was suspended and a second court order was issued.

**Background:**

**URL:**

#### **Additional Details**

**Publication Date:**

**Count:** 1

**Act:**

**Regulation:**

**Section:**

**Act/Regulation/Section:**

**Date of Offence:**

**Date of Conviction:**

**Date Charged:** March 20, 2009

**Charge Disposition:** jail

**Fine:** 6 months

**Synopsis:**

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**Site:** R & R Trucking Inc.  
QEW Southbound, south of McLeod Road Niagara Falls ON

**Database:**  
SPL

**Ref No:** 4453-6539X9

**Discharger Report:**

**Site No:**  
**Incident Dt:** 9/23/2004  
**Year:**  
**Incident Cause:** Other Transport Accident  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Land & Water  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 9/22/2004  
**Dt Document Closed:**  
**Incident Reason:** Error- Operator error  
**Site Name:** SOUTHBOUND QEW, SOUTH OF MCLEOD ROAD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** MVA: R&R Truck: 450L DSL to ditch @ QEW  
**Contaminant Qty:** 450 L

**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Transport Truck  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Niagara  
**Site Postal Code:**  
**Site Region:** West Central  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** M.O.L. - Industrial; Spill to Land  
**Source Type:**

**Site:** *Enbridge Energy Distribution Inc.*  
*lot 6 Niagara Falls ON*

**Database:**  
**SPL**

**Ref No:** 1485-ABV84U  
**Site No:** NA  
**Incident Dt:** 2016/07/14  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Air  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2016/07/15  
**Dt Document Closed:**  
**Incident Reason:** Operator/Human Error  
**Site Name:** Mingle subdivision<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Enbridge - 3" plastic main struck by excavator, safe  
**Contaminant Qty:** 0 other - see incident description

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Miscellaneous Communal  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** lot 6  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Source Type:**

**Site:** *Ramgarhia Trucking Inc.*  
*QEW near Lyons Creek Road (Toronto bound) Niagara Falls ON*

**Database:**  
**SPL**

**Ref No:** 3136-8SXPYJ  
**Site No:**  
**Incident Dt:** 01-APR-12  
**Year:**  
**Incident Cause:** Other Transport Accident  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Transport Truck  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** QEW near Lyons Creek Road (Toronto bound)

**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Sewage - Municipal/Private and Commercial  
**Receiving Env:**  
**MOE Response:** Deferred Field Response  
**Dt MOE Arvl on Scn:** 05-APR-12  
**MOE Reported Dt:** 01-APR-12  
**Dt Document Closed:**  
**Incident Reason:** Spill  
**Site Name:** TT Accident<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** QEW: MVW, 40 gal of diesel into ditch  
**Contaminant Qty:**

**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:** 4765420  
**Easting:** 654522  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Source Type:**

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**Site:** 2305016 Ontario Inc.  
QEW north of Thorold Stone RD Niagara Falls ON

**Database:**  
SPL

**Ref No:** 0015-9AUR8L  
**Site No:**  
**Incident Dt:** 2013/08/23  
**Year:**  
**Incident Cause:** Leak/Break  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No Field Response  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2013/08/23  
**Dt Document Closed:**  
**Incident Reason:** Operator/Human Error  
**Site Name:** QEW Northbound<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Seaport Intermodal, 75L, to soil, not clnd  
**Contaminant Qty:** 75 L

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Truck - Only Saddle Tanks  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** QEW north of Thorold Stone RD  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Source Type:**

## Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

### **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

### **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

### **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

### **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

### **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jul 31, 2019**

### **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jul 31, 2019**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Nov 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Nov 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Dec 31, 2019**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**



**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Dec 31, 2019**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Oct 31, 2019**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**

**List of Expired Fuels Safety Facilities:**

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Nov 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal FED TANKS

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Oct 31, 2019**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date:** Dec 31, 2018

**National Defense & Canadian Forces Fuel Tanks:**Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date:** Up to May 2001\*

**National Defense & Canadian Forces Spills:**Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date:** Mar 1999-Apr 2018

**National Defence & Canadian Forces Waste Disposal Sites:**Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date:** 2001-Apr 2007\*

**National Energy Board Pipeline Incidents:**Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date:** 2008-Dec 31, 2019

**National Energy Board Wells:**Federal [NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date:** 1920-Feb 2003\*

**National Environmental Emergencies System (NEES):**Federal [NEES](#)

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date:** 1974-2003\*

**National PCB Inventory:**Federal [NPCB](#)

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date:** 1988-2008\*

**National Pollutant Release Inventory:**Federal [NPRI](#)

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date:** 1993-May 2017

**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Dec 31, 2019**

**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Dec 2019**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Dec 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jul 31, 2019**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Jun 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: 2011-Dec 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



# V3.4.2

REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

ERIS Contamination Screening – Preferred WWTP Site

## TECHNICAL MEMORANDUM

**DATE** June 23, 2020

**Project No.** 18104462

**TO** Lisa Vespi  
Project Manager, Niagara Region

**CC** David Smyth

**FROM** Nazanin Sajdeh

**EMAIL** nsajdeh@golder.com

### **DESKTOP REVIEW OF ECOLOG ERIS RECORD SEARCH FOR THE ADDITIONAL PARCEL ADJACENT TO SITE OF INTEREST 8 LOCATED IN THE CITY OF NIAGARA FALLS, ONTARIO**

## Background

Golder Associates Ltd. (Golder) has prepared this Technical Memorandum for the Regional Municipality of Niagara Falls (Niagara Region). The Technical Memorandum summarizes the desktop review of the supplementary search of records of federal, provincial and private sector databases by EcoLog Environmental Risk Information Services Ltd. (EcoLog ERIS) for the Site ("Site") adjacent to Site of Interest 8 in support of the Niagara Falls Waste Water Solution Schedule 'C' Municipal Class EA Project (the Project). The Scope of Work was described in a communication from Golder to Niagara Region, dated January 8, 2020, and focussed on an assessment of the records to identify potential current or historical contamination within or in the vicinity of the Sites of Interest. The supplementary work was conducted in June 2020.

## Scope and Review of Environmental Databases

Golder contracted EcoLog ERIS to search available federal, provincial, and private-sector environmental databases for the Site and the surrounding properties within a radius of 250 metres (m). The complete EcoLog ERIS report is included in Appendix A. Noteworthy findings of the EcoLog ERIS report are summarized in the following sections. The boundaries and the on-Site and off-Site Potentially Contaminating Activities (PCAs) associated with the Site of Interest is identified on Figure 1. No visit to the Site of Interest was conducted as part of the review.

### **Site Adjacent to Site of Interest 8**

- No record directly pertinent to the Site was available for review.

### **Surrounding Properties**

- The following information was noted for the property located at 7269 Reixinger Road, located immediately southwest of the Site, and was listed as an Estate Property of John Horosko and 1499974 Ontario Inc.:

- The property was listed under hazardous waste generator number (ON9827883 and ON3902686) between 2003 and 2006 for the waste of paint/pigment/coating residues, light fuels, waste oils and lubricants.
- The following information for 7171 Reixinger Road was noted:
  - Sealer Works Inc. was listed under hazardous waste generator number (ON5737072) between 2013 and 2016 for waste of paint/pigment/coating residues. As of December 2018, the property was approved for the waste from use of pigments, coatings and paints.
- The following information for 9514 Montrose Road was noted:
  - A total of 136 litre (“L”) of diesel was discharged to the concrete pad from a transport truck due to the equipment failure. The area was cleaned up. The environmental impact was noted as possible.
  - Motorways Transport was listed under hazardous waste generator number (ON1074100) between 1988 and 1998 for one of more of the following wastes: petroleum distillates, waste oils and lubricants.
  - Donald W Murray 1981 Limited, was listed under hazardous waste generator number (ON1835800) between 1994 and 2018 for one of more of the following wastes: petroleum distillates, waste oils and lubricants, soil skimming and sludges, paint/pigment/coating residues, aliphatic solvents and light fuels.
  - Crown Trucking Services was listed under hazardous waste generator number (ON1835800) between 1998 and 2001 and between 2013 and 2016 for the one or more of the following wastes: waste oils and lubricants, paint/pigment/coating residues and petroleum hydrocarbons.
  - ES Fox was listed under hazardous waste generator (ON9462571) as of December 2018 for the following wastes: waste oils/sludges (petroleum based) and emulsified oils.
- One water well (water supply well) was reportedly present approximately 220 m southwest of the Site, but a municipal address for the property where the well was located was not indicated. The well was drilled in 1972 to maximum depth of 81 ft. (24.7m). Water was reported at 24.7 m.

## Summary Comments

Based on the information obtained as part of this ERIS desktop review, the Site adjacent to Site of Interest 8 had no history of on-site commercial, industrial, or waste management uses. Although there were a range of commercial, industrial and waste management activities on properties in the vicinity of the Site, no explicit documentation of contamination events on the neighbouring properties that may have affected the environmental condition of soil and groundwater on the Site was found.

The PCA that was identified for the Site and surrounding properties included:

- Waste Generator Summary – Several waste generators were identified for the surrounding properties for one or more of the following wastes: paint/pigment/coating residues, waste oil and lubricants, waste crankcase oils and lubricants, aliphatic solvents, petroleum distillates, and light fuels. The volumes waste and the locations where these were managed on the neighbouring properties were not indicated; these would require further assessment in future investigations.

Based on the nature of the of-Site activities and practices, and their distance of separation from the Site and Site of Interest 8, it is a reasonable expectation, however, that the potential influence of neighbouring properties on environmental conditions of the Site and Site of Interest 8 will be similar to that described in the original Phase I ESA.

## Limitation

This letter technical memorandum (the Report) was prepared for the exclusive use of the Regional Municipality of Niagara Falls for the express purpose of providing advice with respect to the environmental condition based on the desktop records review of the Site of Interest adjacent to the Site 8. In evaluating the Site, Golder Associates Ltd. has relied in good faith on information provided by others as noted in the Report. We have assumed that the information provided is factual and accurate. We accept no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Any use which a third party makes of this Report, or any reliance on or decisions to be made based on it, are the sole responsibility of the third parties. If a third-party requests reliance on this Report, written authorization from Golder is required. Golder disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The scope and the period of Golder's desktop review and assessment are described in this Report, and are subject to restrictions, assumptions and limitations. Except as noted herein, the work was conducted in accordance with the scope of work and terms and conditions within Golder's proposal. Distances and directions noted in this report were determined using mapping data of variable accuracy and should therefore be considered approximate. Golder did not perform a complete assessment of all possible conditions or circumstances that may exist at the sites referenced in the Report. Conditions may therefore exist which were not detected given the limited nature of the assessment Golder was retained to undertake with respect to the Site and additional environmental studies and actions may be required. In addition, it is recognized that the passage of time affects the information provided in the Report. Golder's opinions are based upon information considered at the time of the writing of the Report. It is understood that the services provided for in the scope of work allowed Golder to form no more than an opinion of the actual conditions at the Site at the time of the review, and cannot be used to assess the effect of any subsequent changes in any laws, regulations, the environmental quality of the site or its surroundings. If a service is not expressly indicated, do not assume it has been provided.

The results of an assessment of this nature should in no way be construed as a warranty that the Site is free from any and all contamination from past or current practices.

## Closure

Golder trusts that the above information meets your requirements at this time. Should you have any questions, please do not hesitate to contact us.



Nazanin Sajdeh, BSc, PGeo  
*Environmental Scientist*

NS/DS/wlm/mp

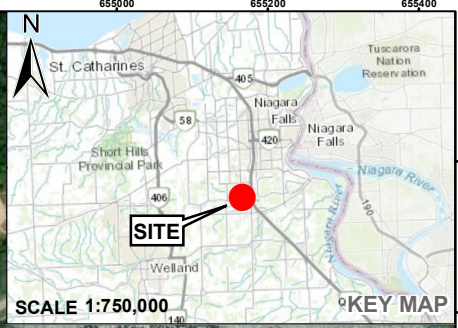
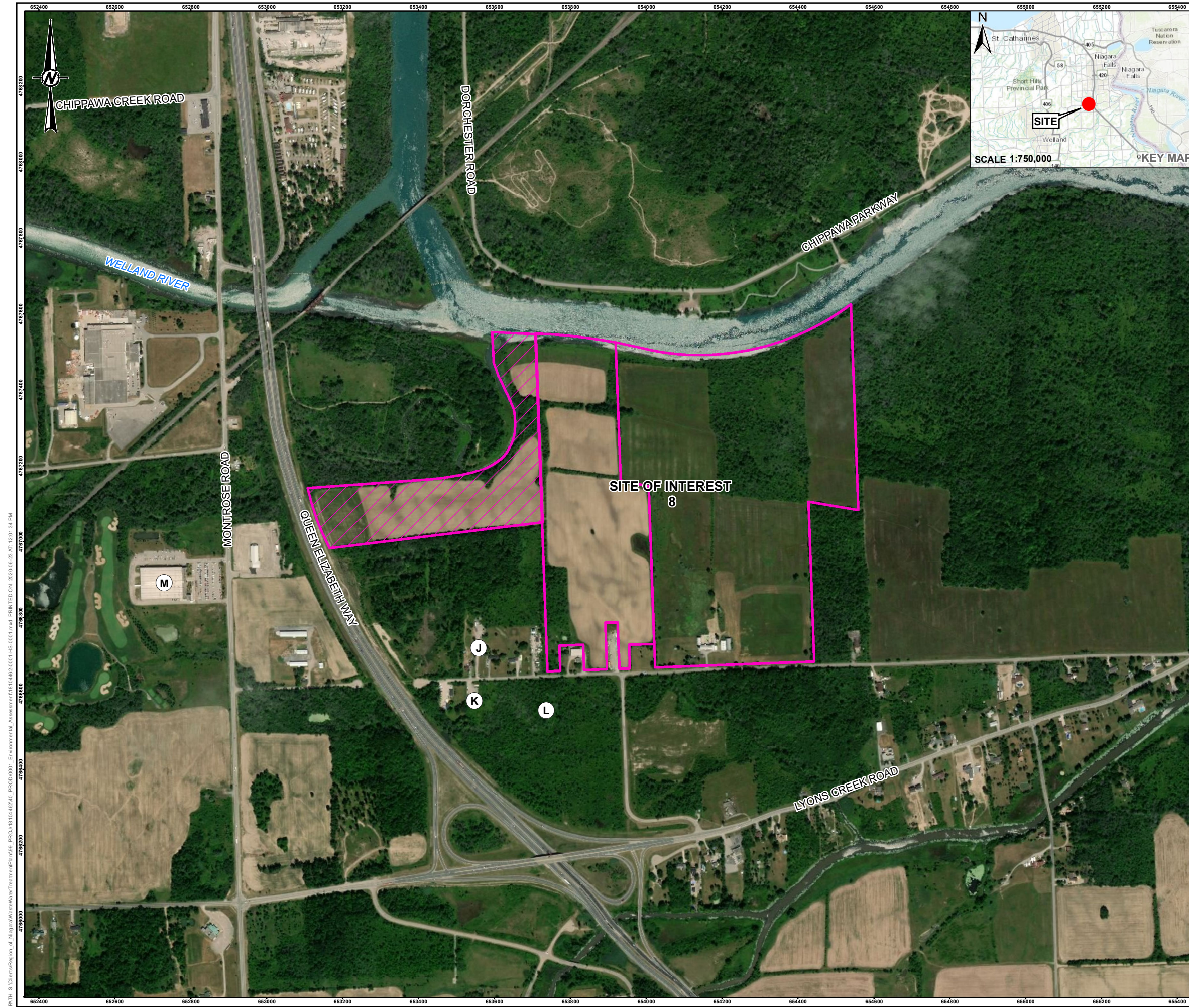


David Smyth, MSc, PGeo  
*Principal, Senior Hydrogeologist*

Attachments: Figure 1- Site Plan and off-Site PCA  
Appendix A - EcoLog ERIS Report

[https://golderassociates.sharepoint.com/sites/29902g/technical work/02\\_environmental/03\\_contamination/ecolog eris desktop study/report/addendum- additional eris report/18104462-tm-rev0-23jun20-ecolog eris-deskto study-23jun2020.docx](https://golderassociates.sharepoint.com/sites/29902g/technical%20work/02_environmental/03_contamination/ecolog%20eris%20desktop%20study/report/addendum-additional%20eris%20report/18104462-tm-rev0-23jun20-ecolog%20eris-deskto%20study-23jun2020.docx)

## Figures



- LEGEND**
- (A) OFF-SITE FEATURE
  - [Pink outline] SITE 8
  - [Pink hatched outline] SUPPLEMENTARY SITE 8

**SITE 8 OFF-SITE FEATURES**  
 J. 7171 REIXINGER ROAD - WASTE GENERATOR SUMMARY  
 K. 7226 REIXINGER ROAD - WASTE GENERATOR SUMMARY  
 L. 7269 REIXINGER ROAD - WASTE GENERATOR SUMMARY  
 M. 9514 REIXINGER ROAD - WASTE GENERATOR SUMMARY



**NOTE(S)**  
 1. ALL LOCATIONS ARE APPROXIMATE.

**REFERENCE(S)**  
 BASE DATA - MNR LIO, OBTAINED 2020  
 PRODUCED BY GOLDER ASSOCIATES LTD UNDER LICENCE FROM ONTARIO MINISTRY OF NATURAL RESOURCES, © QUEENS PRINTER 2020  
 BASE IMAGERY SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AERGRID, IGN, AND THE GIS USER COMMUNITY  
 SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY  
 PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83 COORDINATE SYSTEM: UTM ZONE 17N

CLIENT  
**REGION OF NIAGARA**

PROJECT  
**WASTE WATER TREATMENT PLANT ENVIRONMENTAL ASSESSMENT, NIAGARA, ONTARIO**

TITLE  
**SITE PLAN AND OFF-SITE PCAs**

CONSULTANT	YYYY-MM-DD	2020-06-23
DESIGNED	STB	
PREPARED	STB	
REVIEWED	NS	
APPROVED	DS	

PROJECT NO. 18104462 CONTROL 0001 REV. A FIGURE 1

PATH: S:\Client\Region\_of\_Niagara\WasteWaterTreatmentPlant\18104462\_Environmental\_Assessment\18104462\_0001\_Env\_001.mxd PRINTED ON: 2020-06-23 AT: 12:01:34 PM  
 IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

**APPENDIX A**

# EcoLog ERIS Report





# DATABASE REPORT

**Project Property:** *18104462 Blueplan  
Niagara  
Welland ON*

**Project No:**

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *20200521038*

**Requested by:** *Golder Associates Ltd.*

**Date Completed:** *June 3, 2020*

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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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# Executive Summary

## **Property Information:**

**Project Property:** 18104462 Blueplan  
Niagara Welland ON

**Project No:**

## **Order Information:**

**Order No:** 20200521038  
**Date Requested:** May 21, 2020  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	3	3
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	29	29
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
<b>Total:</b>			0	34	34

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	---------------------	--------------------------	------------------------

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">1</a>	GEN	Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	WSW/15.1	30.66	<a href="#">17</a>
<a href="#">1</a>	GEN	1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	WSW/15.1	30.66	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	S/250.0	34.59	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	S/250.0	34.59	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	S/250.0	34.59	<a href="#">19</a>
<a href="#">3</a>	EHS		7269 and 6533 reixinger road niagara falls ON L2E 6S6	ESE/150.8	29.70	<a href="#">19</a>
<a href="#">4</a>	SPL	PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	W/147.7	18.87	<a href="#">19</a>
<a href="#">4</a>	GEN	MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#">20</a>
<a href="#">4</a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#">20</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>4</u></a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#"><u>20</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>20</u></a>
<a href="#"><u>4</u></a>	GEN	CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>21</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>21</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	EHS		9514 Montrose Road Niagara Falls ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>23</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>23</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>24</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	W/147.7	18.87	<a href="#"><u>24</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>25</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>25</u></a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>26</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>26</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	EHS		9514 Montrose Rd Niagara Falls ON L0S1K0	W/147.7	18.87	<a href="#"><u>28</u></a>
<a href="#"><u>4</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>28</u></a>
<a href="#"><u>4</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>29</u></a>
<a href="#"><u>5</u></a>	WWIS		lot 10 ON  <b>Well ID:</b> 6602673	WSW/220.5	28.29	<a href="#"><u>29</u></a>

# Executive Summary: Summary By Data Source

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	7269 and 6533 reixinger road niagara falls ON L2E 6S6	150.8	<a href="#"><u>3</u></a>
	9514 Montrose Road Niagara Falls ON	147.7	<a href="#"><u>4</u></a>
	9514 Montrose Rd Niagara Falls ON L0S1K0	147.7	<a href="#"><u>4</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 29 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	15.1	<a href="#"><u>1</u></a>
1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	15.1	<a href="#"><u>1</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	250.0	<a href="#"><u>2</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	250.0	<a href="#"><u>2</u></a>
MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#"><u>4</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>

### **SPL - Ontario Spills**

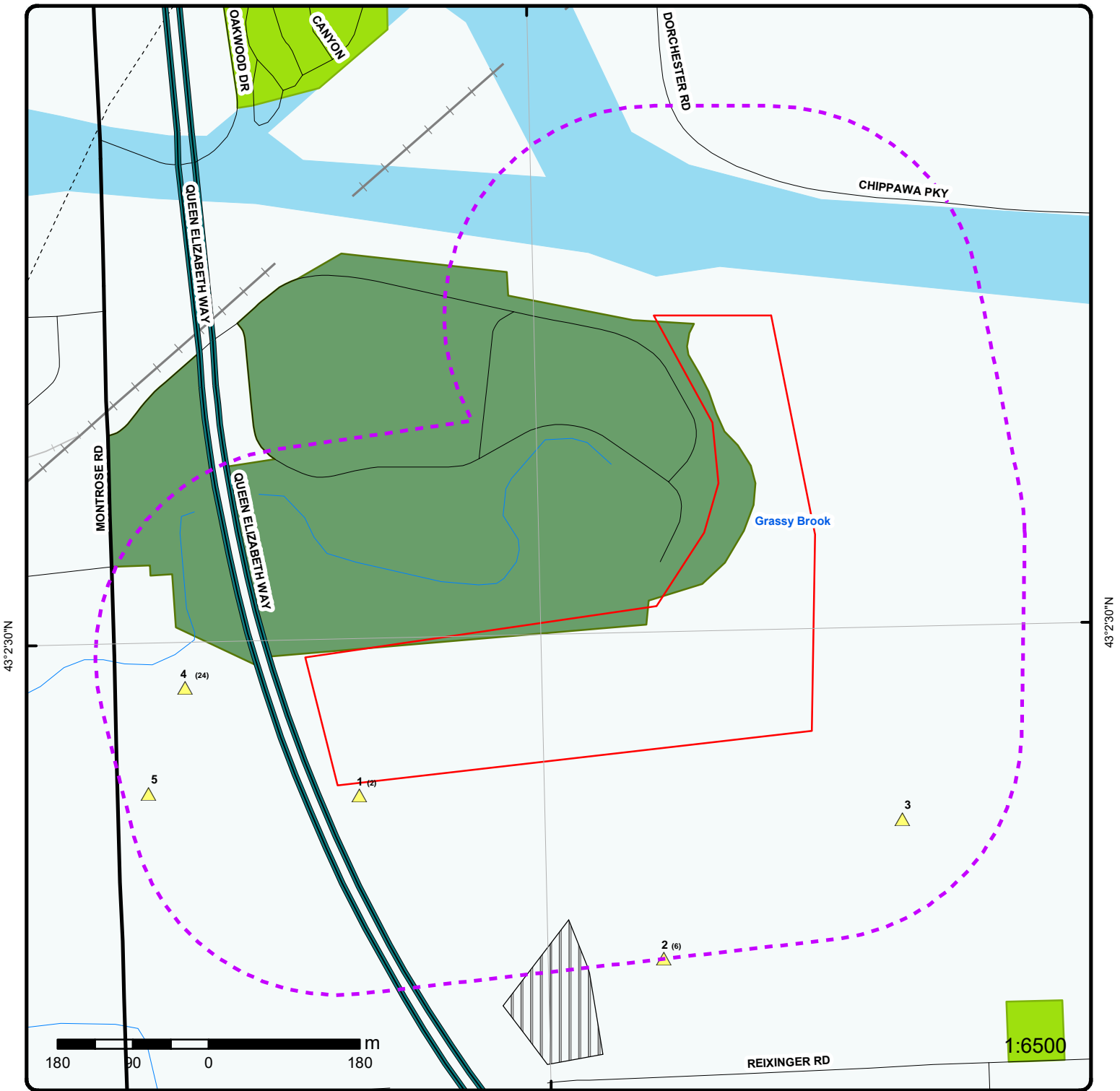
A search of the SPL database, dated 1988-Nov 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	147.7	<a href="#">4</a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 10 ON  <i>Well ID: 6602673</i>	220.5	<a href="#">5</a>



### Map : 0.25 Kilometer Radius

Order Number: 20200521038  
Address: Niagara, Welland, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Ferry Route/Ice Road		

79°7'30"W

43°3'N

43°3'N



**Aerial** Year: 2018

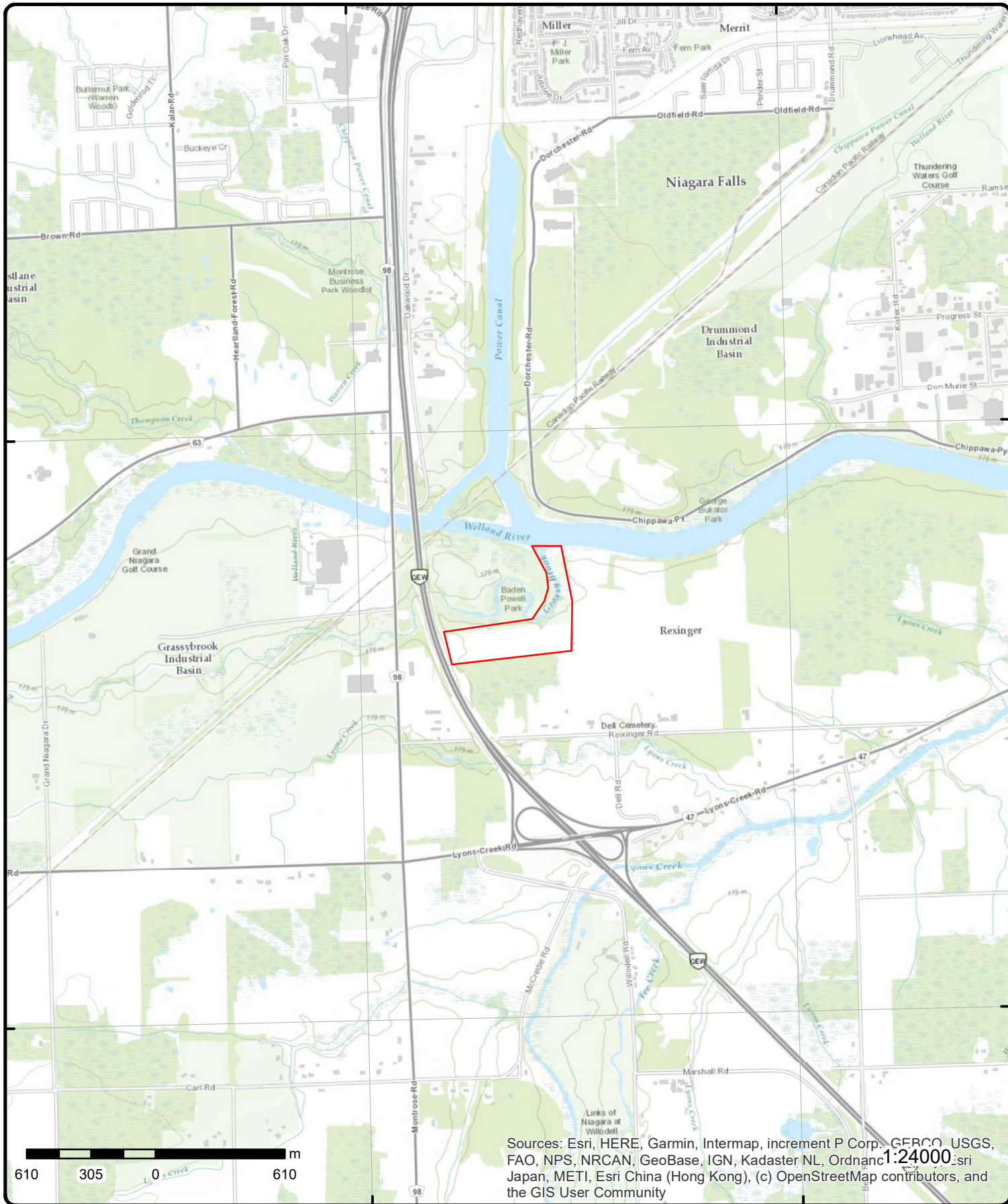
**Address: Niagara, Welland, ON**

Source: ESRI World Imagery

Order Number: 20200521038



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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Address: Niagara, ON

Source: ESRI World Topographic Map

Order Number: 20200521038



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#"><u>1</u></a>	1 of 2	WSW/15.1	174.8 / 30.66	Estate Property of John Horosko 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b> ON9827883 <b>Status:</b> <b>Approval Years:</b> 03,04 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<a href="#"><u>1</u></a>	2 of 2	WSW/15.1	174.8 / 30.66	1499974 Ontario Inc. 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b> ON3902686 <b>Status:</b> <b>Approval Years:</b> 06 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#"><u>2</u></a>	1 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
<b>Generator No:</b> ON5737072 <b>Status:</b> <b>Approval Years:</b> 2012 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 238320 <b>SIC Description:</b> Painting and Wall Covering Contractors		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<a href="#"><u>2</u></a>	2 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
<b>Generator No:</b> ON5737072 <b>Status:</b>		<b>PO Box No:</b> <b>Country:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	2013  238320			<b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b> PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145 PAINT/PIGMENT/COATING RESIDUES				
<u>2</u>	3 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2G0S3</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2016 No No 238320			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b> Canada CO_OFFICIAL PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145 PAINT/PIGMENT/COATING RESIDUES				
<u>2</u>	4 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2E6S6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2015 No No 238320			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b> Canada CO_OFFICIAL PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145 PAINT/PIGMENT/COATING RESIDUES				
<u>2</u>	5 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2E6S6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2014 No No 238320			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b> Canada CO_OFFICIAL PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	145				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<u>2</u>	6 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc Proline Pavement Markings 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
<b>Generator No:</b>	ON5737072	<b>PO Box No:</b>			
<b>Status:</b>	Registered	<b>Country:</b>	Canada		
<b>Approval Years:</b>	As of Dec 2018	<b>Choice of Contact:</b>			
<b>Contam. Facility:</b>		<b>Co Admin:</b>			
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<u>3</u>	1 of 1	ESE/150.8	173.9 / 29.70	7269 and 6533 reixinger road niagara falls ON L2E 6S6	EHS
<b>Order No:</b>	20060111001	<b>Nearest Intersection:</b>	Dell road		
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	1/19/2006	<b>Search Radius (km):</b>	1		
<b>Date Received:</b>	1/11/2006	<b>X:</b>	-79.111486		
<b>Previous Site Name:</b>		<b>Y:</b>	43.0396		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>4</u>	1 of 24	W/147.7	163.0 / 18.87	PRIVATE BUSINESS 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	SPL
<b>Ref No:</b>	109684	<b>Discharger Report:</b>			
<b>Site No:</b>		<b>Material Group:</b>			
<b>Incident Dt:</b>	1/27/1995	<b>Health/Env Conseq:</b>			
<b>Year:</b>		<b>Client Type:</b>			
<b>Incident Cause:</b>	VALVE/FITTING LEAK OR FAILURE	<b>Sector Type:</b>			
<b>Incident Event:</b>		<b>Agency Involved:</b>			
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>			
<b>Contaminant Name:</b>		<b>Site Address:</b>			
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>			
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>			
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>			
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b>	18105		
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>			
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>			
<b>Receiving Env:</b>		<b>Northing:</b>			
<b>MOE Response:</b>		<b>Easting:</b>	MCCR		
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>			
<b>MOE Reported Dt:</b>	2/1/1995	<b>Site Map Datum:</b>			
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>			
<b>Incident Reason:</b>	DAMAGE BY MOVING EQUIPMENT	<b>Source Type:</b>			
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	CROWN TRUCKING SERVICES- 136 L DIESEL TO CONCRETE PAD,TANK LEAK,CLEANED UP				
<b>Contaminant Qty:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	2 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	88			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>4</u>	3 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT (OUT OF BUS.) 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	89,90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>4</u>	4 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	92,93,94,95,96,97,98			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<u>4</u>	5 of 24	W/147.7	163.0 / 18.87	DONALD W MURRAY (MOVERS) 1981 LIMITED 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94,95,96,97			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	3231	MOTOR VEHICLE IND.		<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213	PETROLEUM DISTILLATES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	252	WASTE OILS & LUBRICANTS			
<b>4</b>	6 of 24	W/147.7	163.0 / 18.87	<b>CROWN TRUCKING SERVICES</b> <b>9514 MONTROSE ROAD</b> <b>NIAGARA FALLS ON LOS 1K0</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON1835800 98,99,00,01 3231	MOTOR VEHICLE IND.		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145	PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213	PETROLEUM DISTILLATES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	252	WASTE OILS & LUBRICANTS			
<b>4</b>	7 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> <b>9514 MONTROSE ROAD</b> <b>NIAGARA FALLS ON LOS 1K0</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON1835800 02,03,04,05,06,07,08			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	251	OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	145	PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213	PETROLEUM DISTILLATES			
<b>Waste Class:</b> <b>Waste Class Desc:</b>	252	WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<u>4</u>	8 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
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<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2009	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	General Freight Trucking Local		

**Detail(s)**

<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

<u>4</u>	9 of 24	W/147.7	163.0 / 18.87	<b>9514 Montrose Road Niagara Falls ON</b>	<b>EHS</b>
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<b>Order No:</b>	20130206001	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-FEB-13	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-FEB-13	<b>X:</b>	-79.122103
<b>Previous Site Name:</b>		<b>Y:</b>	43.03993
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans		

<u>4</u>	10 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
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<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2010	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	General Freight Trucking Local		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<u>4</u>	11 of 24	W/147.7	163.0 / 18.87	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<u>4</u>	12 of 24	W/147.7	163.0 / 18.87	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			

<u>4</u>	13 of 24	W/147.7	163.0 / 18.87	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<u>4</u>	14 of 24	W/147.7	163.0 / 18.87	Crown Transportation Group Limited 9514 Montrose Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		GENERAL FREIGHT TRUCKING, LOCAL			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<u>4</u>	15 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

<u>4</u>	16 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			

<u>4</u>	17 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

Detail(s)

<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

<u>4</u>	18 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

Detail(s)

<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<u>4</u>	19 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>4</u>	20 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<u>4</u>	21 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>	Registered	<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jun 2018	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>			
<b>SIC Description:</b>			

**Detail(s)**

<b>Waste Class:</b>	221 L
<b>Waste Class Desc:</b>	Light fuels
<b>Waste Class:</b>	213 L
<b>Waste Class Desc:</b>	Petroleum distillates
<b>Waste Class:</b>	213 I
<b>Waste Class Desc:</b>	Petroleum distillates
<b>Waste Class:</b>	252 L
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants
<b>Waste Class:</b>	212 L
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	251 L
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)

<a href="#"><u>4</u></a>	22 of 24	W/147.7	163.0 / 18.87	9514 Montrose Rd Niagara Falls ON L0S1K0	EHS
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<b>Order No:</b>	20161025104	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-NOV-16	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	25-OCT-16	<b>X:</b>	-79.122057
<b>Previous Site Name:</b>		<b>Y:</b>	43.040033
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>			

<a href="#"><u>4</u></a>	23 of 24	W/147.7	163.0 / 18.87	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
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<b>Generator No:</b>	ON9462571	<b>PO Box No:</b>	
<b>Status:</b>	Registered	<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>			
<b>SIC Description:</b>			

**Detail(s)**

<b>Waste Class:</b>	251 L
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)
<b>Waste Class:</b>	253 L
<b>Waste Class Desc:</b>	Emulsified oils

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	24 of 24	W/147.7	163.0 / 18.87	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>		ON9462571		<b>PO Box No:</b>	
<b>Status:</b>		Registered		<b>Country:</b> Canada	
<b>Approval Years:</b>		As of Oct 2019		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		253 L			
<b>Waste Class Desc:</b>		Emulsified oils			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			

<u>5</u>	1 of 1	WSW/220.5	172.5 / 28.29	lot 10 ON	WWIS
<b>Well ID:</b>		6602673		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Domestic		<b>Date Received:</b> 8/8/1972	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 3608	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> NIAGARA (WELLAND)	
<b>Elevation (m):</b>				<b>Municipality:</b> NIAGARA FALLS CITY (WILLOUGHBY)	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 010	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> BF WR	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>		10462400		<b>Elevation:</b> 175.578491	
<b>DP2BR:</b>		79		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 17	
<b>Code OB:</b>		r		<b>East83:</b> 652934.9	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b> 4766973	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 4	
<b>Date Completed:</b>		7/17/1972		<b>UTMRC Desc:</b> margin of error : 30 m - 100 m	
<b>Remarks:</b>				<b>Location Method:</b> p4	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595886		
<b>Layer:</b>			3		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			11		
<b>Other Materials:</b>			GRAVEL		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			77		
<b>Formation End Depth:</b>			79		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595885		
<b>Layer:</b>			2		
<b>Color:</b>			7		
<b>General Color:</b>			RED		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			06		
<b>Other Materials:</b>			SILT		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			15		
<b>Formation End Depth:</b>			77		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595884		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			15		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595887		
<b>Layer:</b>			4		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		82			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010970			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751312			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		79			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751313			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		82			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602673			
<b>Pump Set At:</b>					
<b>Static Level:</b>		23			
<b>Final Level After Pumping:</b>		45			
<b>Recommended Pump Depth:</b>		75			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934609159			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934341801			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934863383			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935128156			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949992			
<b>Layer:</b>		1			
<b>Kind Code:</b>		3			
<b>Kind:</b>		SULPHUR			
<b>Water Found Depth:</b>		81			
<b>Water Found Depth UOM:</b>		ft			



# Unplottable Summary

Total: **37** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con BF	Niagara Falls - Willoughby ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	LOT 1, STANFORD, STATION #2	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1/BROKEN FRONTAGE	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1/BROKEN FRONTAGE	NIAGARA FALLS CITY ON	
CA		Part Township Lot 223 & 224, Chippawa Parkway	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Montrose Road, Lots 70 and 71	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Montrose Road	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Dorchester Road	Niagara Falls ON	
CA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	DORCHESTER RD. SEWAGE P.S.	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	LOT 1, BROKEN FRONTAGE	NIAGARA FALLS ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1, BF., STAMFORD TWP.	NIAGARA FALLS ON	

CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	M. CARLUCCIO HUNTER HEIGHTS SUBD.	DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY O'NEIL ST.	DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	M. CARLUCCIO HUNTER HEIGHTS SUBD.	E. OF DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CONV	Lafarge Canada Inc.	Montrose Road	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Dorchester Rd	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	
EHS		Montrose Road	Niagara Falls ON	
GEN	ONTARIO HYDRO	PUMP GENERATING STATION LOT 1	NIAGARA FALLS ON	
GEN	ONTARIO POWER GENERATION	PUMP GENERATING STATION LOT 1	NIAGARA FALLS ON	
SCT	MORNINGSTAR LUMBER LIMITED	MONTROSE RD	NIAGARA FALLS ON	L2H
SPL	PUC	DORCHESTER RD PUMPING STATION TO HYDRO CANAL PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER	NIAGARA FALLS CITY ON	
SPL	TRANSPORT TRUCK	DORCHESTER RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SPL	TRANSCANADA PIPELINES	QEW HIGHWAY, AT LYON'S CREEK	WELLAND CITY ON	
SPL	TRANSPORT TRUCK	ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER FROM DORCHESTER RD. PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION	NIAGARA FALLS CITY ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	

# Unplottable Report

---

**Site:** Lot 1 Con BF Niagara Falls - Willoughby ON

**Database:**  
AAGR

**Type:** Pit  
**Region/County:** Niagara  
**Township:** Niagara Falls - Willoughby  
**Concession:** BF  
**Lot:** 1  
**Size (ha):** 3  
**Landuse:**  
**Comments:** pond

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
LOT 1, STANFORD, STATION #2 NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 4-0065-97-  
**Application Year:** 97  
**Issue Date:** 7/21/1997  
**Approval Type:** Industrial wastewater  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** OIL CONTAINMENT SYSTEM  
**Contaminants:**  
**Emission Control:**

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1/BROKEN FRONTAGE NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2307-95-006  
**Application Year:** 95  
**Issue Date:** 10/2/95  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** 11) NEDERMAN FLEXIBLE HOSES & FANS  
**Contaminants:**  
**Emission Control:** No Controls

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1/BROKEN FRONTAGE NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2312-95-966  
**Application Year:** 95  
**Issue Date:** 1/12/96  
**Approval Type:** Industrial air  
**Status:** Received in 1995, Issued in 1996  
**Application Type:**

**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** (6) VENTS FOR WELDING OPERATIONS  
**Contaminants:** Suspended Particulate Matter  
**Emission Control:** Panel Filter

---

**Site:** Part Township Lot 223 & 224, Chippawa Parkway Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6210-4HLKUN  
**Application Year:** 00  
**Issue Date:** 3/22/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of watermains on Reilly Street from Front Street to Chippawa Parkway  
**Contaminants:**  
**Emission Control:**

---

**Site:** Montrose Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 3874-4KUSJZ  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of 610m of 300m diameter PVC watermain to replace 150mm and 200mm D watermain (including appurtenances). Installation of the watermain along Montrose Road (from Industrial Street to Chorozy Street).  
**Contaminants:**  
**Emission Control:**

---

**Site:** Montrose Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 7074-4KPQZX  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, PO Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** Storm Sewers  
**Contaminants:**  
**Emission Control:**

---

**Site:** Montrose Road, Lots 70 and 71 Niagara Falls ON

**Database:**  
CA

**Certificate #:** 8086-4Z8RU2  
**Application Year:** 01  
**Issue Date:** 8/3/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** This application is for the construction of storm sewers on Montrose Road due to road and drainage improvements in the City of Niagara Falls.  
**Contaminants:**  
**Emission Control:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Montrose Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 3382-6V5RB3  
**Application Year:** 2006  
**Issue Date:** 11/9/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Dorchester Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 6016-6R7PDN  
**Application Year:** 2006  
**Issue Date:** 7/20/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 6146-7RLK55  
**Application Year:** 2009  
**Issue Date:** 5/1/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**

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**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1388-86-  
**Application Year:** 86  
**Issue Date:** 11/24/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1394-86-  
**Application Year:** 86  
**Issue Date:** 9/11/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF NIAGARA  
DORCHESTER RD. SEWAGE P.S. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2289-95-  
**Application Year:** 95  
**Issue Date:** 9/18/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** EMERGENCY GENERATOR FOR SEWAGE PUMP STA.  
**Contaminants:** Nitrogen Oxides  
**Emission Control:** No Controls

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
LOT 1, BROKEN FRONTAGE NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2006-98-  
**Application Year:** 98  
**Issue Date:** 2/27/1998  
**Approval Type:** Industrial air  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** STANDBY BLACK START DIESEL GENERATOR  
**Contaminants:** Nitrogen Oxides  
**Emission Control:** No Controls

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1, BF., STAMFORD TWP. NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2307-95-  
**Application Year:** 95  
**Issue Date:** //  
**Approval Type:** Industrial air  
**Status:** RE1  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** OVEN FOR MACHINE SHOP, AMEND C OF A  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0809-86-  
**Application Year:** 86  
**Issue Date:** 7/22/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** M. CARLUCCIO HUNTER HEIGHTS SUBD.  
DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1203-89-  
**Application Year:** 89  
**Issue Date:** 7/28/1989  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY O'NEIL ST.  
DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0743-88-  
**Application Year:** 88  
**Issue Date:** 6/14/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0691-86-  
**Application Year:** 86  
**Issue Date:** 7/4/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF NIAGARA  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0664-86-  
**Application Year:** 86  
**Issue Date:** 6/27/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** M. CARLUCCIO HUNTER HEIGHTS SUBD.  
E. OF DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1459-89-  
**Application Year:** 89  
**Issue Date:** 7/28/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**



**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0950-88-  
**Application Year:** 88  
**Issue Date:** 7/7/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Lafarge Canada Inc.  
Montrose Road Niagara Falls ON

**Database:**  
CONV

**File No:** **Location:** St. Catharines  
**Crown Brief No:** **Region:**  
**Court Location:** **Ministry District:**  
**Publication City:**  
**Publication Title:** Ready-Mix Concrete Company fined \$50,000 for Failing to Notify Ministry of a Spill  
**Act:** Environmental Protection Act (EPA)  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**

**Description:**

Lafarge Canada Inc., was convicted of one offence under the Environmental Protection Act (EPA), and was fined \$50,000 plus a victim fine surcharge (VFS) of \$12,500 with 90 days to pay. A Section 190 Court Order was also issued by the court to Lafarge, which requires the company to install abatement technology on Silo #2 at its Niagara Falls facility, as a preventative measure.

**Background:**

The conviction relates to failing to notify the ministry of a spill of a pollutant to the natural environment, namely slag particulate

Lafarge Canada Inc. operates as a ready-mix concrete batching plant, located on Montrose Road in Niagara Falls.

On July 23, 2014, the ministry received a report from a residential neighbour that his property and vehicle were covered in a fine white particulate.

Ministry staff responded, observed the white particulate, and took photographs and samples of the material for testing an analysis.

During the inspection, it was observed that the Lafarge site was adjacent to the impacted property.

Ministry staff investigated with Lafarge and were informed that the company had received a load of slag cement earlier that day, and that when the load was being filled into the silo, the silo was overfilled resulting in a release of particles of cement slag.

The ministry officer informed Lafarge that a neighboring property had been impacted; Lafarge agreed to contact the neighbour and clean the property.

Samples from both Lafarge and the adjacent property contained glassy calcium silicate slag.

The incidents were referred to the ministry's Investigations and Enforcement Branch, resulting in charges and one conviction.  
<https://news.ontario.ca/ene/en/2017/11/ready-mix-concrete-company-fined-50000-for-failing-to-notify-ministry-of-a-spill.html>

**URL:**

**Additional Details**

**Publication Date:** November 27, 2017 10:00 A.M.

**Count:**  
**Act:**  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:**  
**Date of Offence:** July 23, 2014  
**Date of Conviction:** November 22, 2017  
**Date Charged:**  
**Charge Disposition:**  
**Fine:** \$50,000  
**Synopsis:**

---

**Site:** **The Corporation of the City of Niagara Falls**  
**Dorchester Rd Niagara Falls ON L2E 6X5**

**Database:**  
**ECA**

**Approval No:** 2392-6R7P26  
**Approval Date:** 2006-07-20  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Dorchester Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** **The Corporation of the City of Niagara Falls**  
**Montrose Rd Niagara Falls ON**

**Database:**  
**ECA**

**Approval No:** 3874-4KUSJZ  
**Approval Date:** 2000-06-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** **Montrose Road Niagara Falls ON**

**Database:**  
**EHS**

**Order No:** 20130321024  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 28-MAR-13  
**Date Received:** 21-MAR-13  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** 0  
**Y:** 0

---

**Site:** **ONTARIO HYDRO**  
**PUMP GENERATING STATION LOT 1 NIAGARA FALLS ON**

**Database:**  
**GEN**

**Generator No:** ON0490137  
**Status:**  
**Approval Years:** 95,96,97,98,99  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4911

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**SIC Description:** ELECT. POWER SYS.

**Detail(s)**

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 243  
**Waste Class Desc:** PCB'S

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

**Waste Class:** 241  
**Waste Class Desc:** HALOGENATED SOLVENTS

**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS

---

**Site:** ONTARIO POWER GENERATION  
PUMP GENERATING STATION LOT 1 NIAGARA FALLS ON

**Database:**  
GEN

**Generator No:** ON0490137  
**Status:**  
**Approval Years:** 00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4911  
**SIC Description:** ELECT. POWER SYS.

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 121  
**Waste Class Desc:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 211  
**Waste Class Desc:** AROMATIC SOLVENTS

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

**Waste Class:** 241

**Waste Class Desc:** HALOGENATED SOLVENTS  
**Waste Class:** 243  
**Waste Class Desc:** PCB'S  
**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES  
**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS  
**Waste Class:** 263  
**Waste Class Desc:** ORGANIC LABORATORY CHEMICALS

---

**Site:** **MORNINGSTAR LUMBER LIMITED**  
**MONTROSE RD NIAGARA FALLS ON L2H**

**Database:**  
**SCT**

**Established:** 0000  
**Plant Size (ft²):** 1400  
**Employment:** 1

**--Details--**

**Description:** HARDWOOD DIMENSION AND FLOORING MILLS  
**SIC/NAICS Code:** 2426

**Description:** Other Millwork  
**SIC/NAICS Code:** 321919

---

**Site:** **PUC**  
**DORCHESTER RD PUMPING STATION TO HYDRO CANAL PUMPING STATION INVALID SITE ENTRY - PLEASE**  
**USE ANOTHER NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 66178  
**Site No:**  
**Incident Dt:** 1/17/1992  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Environment Impact:** POSSIBLE  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** WATER

**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/17/1992  
**Dt Document Closed:**

**Incident Reason:** POWER INTERRUPTION

**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

PUC - 40MIN RAW SEWAGE BYPASS TO HYDRO CANAL DUETO POWER FAILURE.

---

**Site:** **TRANSPORT TRUCK**  
**DORCHESTER RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 77769  
**Site No:**

**Discharger Report:**  
**Material Group:**

**Incident Dt:** 10/20/1992  
**Year:**  
**Incident Cause:** TRUCK/TRAILER OVERTURN  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** CONFIRMED  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 10/20/1992  
**Dt Document Closed:**  
**Incident Reason:** ADVERSE ROAD CONDITION  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** TRANSPORT TRUCK OVERTURN:10L HYDRAULIC FLUID LEAK TO GRAVEL  
**Contaminant Qty:**

**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** TRANSCANADA PIPELINES  
 QEW HIGHWAY, AT LYON'S CREEK WELLAND CITY ON

**Database:**  
 SPL

**Ref No:** 89364  
**Site No:**  
**Incident Dt:** 8/4/1993  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/4/1993  
**Dt Document Closed:**  
**Incident Reason:** OVERSTRESS/OVERPRESSURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** TRANSCANADA PIPELINES - DRILLING MUD TO QEW: HWY PARTIALLY CLOSED  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18104  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** TRANSPORT TRUCK  
 ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS  
 CITY ON

**Database:**  
 SPL

**Ref No:** 113009  
**Site No:**  
**Incident Dt:** 5/11/1995  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 5/11/1995  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** CRAGCO LTD. - 450 L OF DIESEL FUEL TO GROUND FROM TRANSPORT TRUCK.  
**Contaminant Qty:**

**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** MTO  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** NIAGARA, REGIONAL MUNICIPALITY  
 NIAGARA RIVER FROM DORCHESTER RD. PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION  
 NIAGARA FALLS CITY ON

**Database:**  
 SPL

**Ref No:** 151496  
**Site No:**  
**Incident Dt:** 1/15/1998  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** WATER  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/15/1998  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** NIAGARA REGION - SEWAGE BYPASSED TO NIAGARA R. DUE TO PUMP FAILURE.  
**Contaminant Qty:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** lot 9 ON

**Database:**  
 WWIS

**Well ID:** 6604152  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 134468  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/22/1993  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 4795  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** WELLAND CITY (CROWLAND)  
**Site Info:**  
**Lot:** 009  
**Concession:**  
**Concession Name:**

**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10463749  
**DP2BR:** 82  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 7/12/1993  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601407  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 79  
**Other Materials:** PACKED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 30  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601409  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 08  
**Other Materials:** FINE SAND  
**Mat3:** 29  
**Other Materials:** FINE GRAVEL  
**Formation Top Depth:** 44  
**Formation End Depth:** 54  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601413  
**Layer:** 7  
**Color:** 2  
**General Color:** GREY

**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 74  
**Other Materials:** LAYERED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 82  
**Formation End Depth:** 86  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601412  
**Layer:** 6  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 29  
**Most Common Material:** FINE GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 75  
**Formation End Depth:** 82  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601410  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 29  
**Most Common Material:** FINE GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 54  
**Formation End Depth:** 67  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601411  
**Layer:** 5  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 31  
**Other Materials:** COARSE GRAVEL  
**Mat3:** 79  
**Other Materials:** PACKED  
**Formation Top Depth:** 67  
**Formation End Depth:** 75  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601408



Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 79  
Other Materials: PACKED  
Mat3:  
Other Materials:  
Formation Top Depth: 30  
Formation End Depth: 44  
Formation End Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

**Pipe Information**

Pipe ID: 11012319  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930753345  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 83  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930753346  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 86  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996604152  
Pump Set At:  
Static Level: 16  
Final Level After Pumping: 54  
Recommended Pump Depth: 70  
Pumping Rate: 21  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 2

**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934866132  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934344586  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 935122131  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934611943  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 24  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933951509  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 86  
**Water Found Depth UOM:** ft

**Site:**  
lot 9 ON

**Database:**  
WWIS

**Well ID:** 6604045  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 093125  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/23/1992  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 2123  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** WELLAND CITY (CROWLAND)  
**Site Info:**  
**Lot:** 009  
**Concession:**

**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10463642  
**DP2BR:** 138  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/30/1991  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600919  
**Layer:** 5  
**Color:** 7  
**General Color:** RED  
**Mat1:** 26  
**Most Common Material:** ROCK  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 138  
**Formation End Depth:** 146  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600916  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 3  
**Formation End Depth:** 60  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600915  
**Layer:** 1  
**Color:** 6

**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 3  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932600917  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 60  
**Formation End Depth:** 95  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932600918  
**Layer:** 4  
**Color:** 7  
**General Color:** RED  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 95  
**Formation End Depth:** 138  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:**  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11012212  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930753214  
**Layer:** 1  
**Material:** 1

**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 146  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 996604045  
**Pump Set At:**  
**Static Level:** 52  
**Final Level After Pumping:** 140  
**Recommended Pump Depth:**  
**Pumping Rate:** 15  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:**  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Water Details**

**Water ID:** 933951386  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 146  
**Water Found Depth UOM:** ft

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jan 31, 2020**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Feb 2020**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Dec 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Apr 30, 2020**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Apr 30, 2020**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jan 31, 2020**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019**



**List of Expired Fuels Safety Facilities:**

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Apr 2020**

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Jan 31, 2020**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2020**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date:** Dec 31, 2018

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date:** Up to May 2001\*

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date:** Mar 1999-Apr 2018

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date:** 2001-Apr 2007\*

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date:** 2008-Mar 31, 2020

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date:** 1920-Feb 2003\*

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date:** 1974-2003\*

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date:** 1988-2008\*

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date:** 1993-May 2017

**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 29, 2020**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Apr 30, 2020**

**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988 - Apr 2020**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Apr 30, 2020**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jan 31, 2020**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Nov 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

# V3.4.3

REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

Phase 1 Environmental Site Assessment - Preferred WWTP Sites



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
PREFERRED WASTEWATER TREATMENT PLANT  
SITE  
NIAGARA FALLS, ONTARIO**

**Submitted to:**

**THE REGIONAL MUNICIPALITY OF NIAGARA  
1815 Sir Isaac Brock Way,  
P.O. Box 1042  
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L2V 4T7**

**Submitted by:**

**Wood Environment & Infrastructure Solutions  
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L2R 7E8**

**November 23, 2021**

**OESAM2008**

Distribution:

- The Regional Municipality of Niagara – 1 Electronic Copy; and
- Wood Environment & Infrastructure Solutions – 1 Electronic Copy.

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## EXECUTIVE SUMMARY

Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood), was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase I Environmental Site Assessment (ESA) of a vacant 76 hectares (ha) (187 acre) parcel of land located north of Reixinger Road, south of the Welland River and east of the QEW highway in Niagara Falls, Ontario (the Site). The Site is comprised of three properties: 6811 Reixinger Road, 7047 Reixinger Road, and a portion of the property adjacent to the west of 7047 Reixinger Road. The Client intends on developing the Site for use as a future wastewater treatment plant. The UTM coordinates (NAD 83) for the approximate centroid of the Site are 653981 E and 4767140 N.

At the time of the reconnaissance, the Site was owned and managed by Mr. Robert Crawford (6811 Reixinger Road) and Mr. William Overall (7047 Reixinger Road).

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is Wood's understanding that the Phase I ESA is not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). The Phase I ESA was conducted in conformance with the scope and limitations defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

Mr. Braedan Huras of Wood conducted a reconnaissance on August 19, 2020 to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. A Site representative did not accompany Wood during the reconnaissance. Ground cover conditions at the time of the Site reconnaissance were clear and dry.

Wood also interviewed Mr. Crawford via a telephone call on August 28, 2020, and Mr. Overall via email on August 21, 2020.

The Site consisted primarily of field previously used for agricultural purposes with a treed area at the northeast end. The Site was primarily flat, except for a slope down towards the Welland River along the north end of the Site. The surface of the Site consisted of scrub grass and trees.

Based on observations made by Wood during the reconnaissance, it is Wood's opinion that there are no environmental concerns regarding former underground storage tanks (USTs) on-Site. However, Wood noted the presence of aboveground storage tanks (ASTs) and other liquid containers north of the agricultural buildings at 6811 Reixinger Road. An AST was also noted at 7001 Reixinger Road, which is located adjacent to the west of the southwest corner of the Site.

Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represents potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) at the Site:

- Due to the use of the Site as agricultural for over 65 years, it is likely that pesticides were used at the Site;
- The former presence of an auto wrecking yard adjacent to the southwest corner of the Site;
- The presence of commercial/light industrial businesses southwest of the Site for metal and concrete finishing;
- The presence of several ASTs and an old engine, inferred to have been part of some type of farming equipment, located on-Site at 6811 Reixinger Road, approximately 70 to 100 metres (m) north of the agricultural buildings. Additionally, two other ASTs are present at the property, one (1) 50 gallon (approximately 189 litre [L]) tank to store diesel in support of the farming equipment, and an old empty gasoline AST that is no longer in use; and
- The presence of an AST and potential mechanical equipment located at 7001 Reixinger Road, adjacent to the southwestern corner of the Site.

The following table represents PCAs which result in APECs at the Site:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Former Application of Pesticides	Entire Site	PCA #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OCs, Metals, As, Sb, Se	Soil
APEC-2: The Presence of Several ASTs and an Old Engine	Area 70-100 m North of the Agricultural Buildings at 6811 Reixinger Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	PHCs, VOCs, BTEX, Metals, As, Sb, Se, EC, SAR, CN	Soil and Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
<p>APEC-3: The Presence of Metal and Concrete Finishing Businesses, an AST, Potential Mechanical Equipment, and a Former Auto Wrecking Yard</p>	<p>Southwest Corner of Site</p>	<p>PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks                      PCA #52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems                      PCA #33 – Metal Treatment, Coating, Plating and Finishing                      PCA #12 - Concrete, Cement and Lime Manufacturing                      PCA #49 - Salvage Yard, including automobile wrecking</p>	<p>Off-Site</p>	<p>pH, Metals, As, Sb, Se, PHCs, VOCs, BTEX, PAHs, EC, SAR, CN</p>	<p>Soil and Ground Water</p>



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of <i>O. Reg. 153/04</i> as amended, where applicable.					
OCs – Organochlorine Pesticides		PHCs – Petroleum Hydrocarbons			
VOCs – Volatile Organic Compounds Ethylbenzene, Xylenes		BTEX – Benzene, Toluene,			
PAHs – Polycyclic Aromatic Hydrocarbons		As, Sb, Se – Arsenic, Antimony and Selenium (hydrides)			
EC – Electrical Conductivity		SAR – Sodium Adsorption Ratio			
CN – Cyanide (free)					

Based on the Phase I ESA completed by Wood, there is evidence of potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the areas of environmental concern.



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## 1.0 INTRODUCTION

### 1.1 Background

Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood), was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase I Environmental Site Assessment (ESA) of a vacant 76 hectares (ha) parcel of land located north of Reixinger Road, south of the Welland River and east of the QEW highway in Niagara Falls, Ontario (the Site). The Site is comprised of three properties: 6811 Reixinger Road, 7047 Reixinger Road, and a portion of the property adjacent to the west of 7047 Reixinger Road. The Client intends on developing the Site for use as a future wastewater treatment plant. A key plan showing the location of the Site is provided on **Figure 1**. The UTM coordinates (NAD 83) for the approximate centroid of the Site are 653981 E and 4767140 N.

At the time of the reconnaissance, the Site was owned and managed by Mr. Robert Crawford (6811 Reixinger Road) and Mr. William Overall (7047 Reixinger Road). **Figure 2** illustrates the lot configuration of the Site.

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is Wood's understanding that the Phase I ESA is not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). The Phase I ESA was conducted in conformance with the scope and limitations defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

### 1.2 Scope of Work

The Phase I ESA was carried out in accordance with Wood's proposal (POESAM2040) and authorized by the Client on June 18, 2020. The scope of work for the Phase I ESA consisted of the following tasks:

- Reviewing the historical occupancy of the Site, using available archived and relevant (in Wood's opinion) municipal and business directories, fire insurance plans (FIPs), aerial photographs and previous environmental reports;

- Reviewing the current use of the Site and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Site;
- Conducting a “walk-through” visual assessment (i.e., Site reconnaissance) of the Site and building facilities to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated Site representatives as a resource for current and historical Site information, as well as to provide Wood staff with unrestricted access to all areas of the Site and Site buildings;
- Reviewing an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site. ERIS is a national service that provides site specific environmental and property-use information. ERIS reports contain detailed government and private sector records concerning possible environmental liabilities associated with properties and their surrounding neighborhoods;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available. It should be noted that responses from these agencies might not be received prior to preparation of the report. The Client would be notified when a response is received and any additional costs to obtain these records; and
- Preparing a report of our findings.

A search of land title and assessment rolls was not conducted as a part of this investigation. A search of land ownership is unlikely to contribute any useful information regarding the environmental condition at the Site as the ownership of the property since the original development is documented in other historical records.

Mr. Braedan Huras of Wood conducted a reconnaissance on August 19, 2020 to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. A Site representative did not accompany Wood during the reconnaissance. Ground cover conditions at the time of the Site reconnaissance were clear and dry.

Wood also interviewed Mr. Crawford via a telephone call on August 28, 2020, and Mr. Overall via email on August 21, 2020.

Other contacts were made as required to evaluate the existing/historical Site operations including the following:

Name	Agency or Company	Position
Mr. Noel Kent	Ministry of the Environment, Conservation and Parks (MECP) – Freedom of Information (FOI) Office	MECP FOI Manager
Ms. Connie Hill	Technical Standards and Safety Association (TSSA)	Public Information Agent
Mr. Alex Herlovitch	City of Niagara Falls (City)	Deputy Director of Planning and Development

These individuals and agencies were contacted as they may have information related to the environmental conditions of the Site. Records of the interviews and/or correspondence are provided in **Appendix A**. Should information become available at any time in the future that materially affects the conclusions of this report, this information will be forwarded to the Client.

Wood did not conduct any intrusive investigations in completing the scope of work. No sampling and/or analyses of soil, sediment, water, liquid, gas or air was performed at the Site. This Phase I ESA report is not to be construed as a regulatory compliance audit or review. Although Section 6.0 of this report discusses designated substances and hazardous materials normally reviewed as part of a Phase I ESA including asbestos containing materials (ACMs), lead, mercury, ozone-depleting substances (ODS), polychlorinated biphenyls (PCBs) and mould, the review was performed at a cursory level and for the Site as a whole. No sampling or analytical testing for designated substances and/or hazardous materials was performed. This report should thus not be construed as a designated substance or hazardous materials survey or assessment.



## 2.0 SITE DESCRIPTION

### 2.1 Site Location

The Site is located north of Reixinger Road, south of the Welland River and east of the QEW highway in Niagara Falls, Ontario (**Figure 1**). The Site is comprised of three properties: 6811 Reixinger Road, 7047 Reixinger Road, and a portion of the property adjacent to the west of 7047 Reixinger Road. The Site lies in a typical agricultural/vacant setting in an area of primarily agricultural land use, with some residential land use.

### 2.2 Site Occupancy

The Site was both vacant, undeveloped land and agricultural land at the time of the reconnaissance with a residential dwelling and barns located at 6811 Reixinger Road.

### 2.3 Site Features

The Site is an irregular-shaped property, approximately 76 ha (187 acres) in area. Selected photographs of the Site and surrounding land use are presented in **Appendix B**. The Site consisted primarily of field previously used for agricultural purposes with a treed area at the northeast end. The Site was primarily flat, except for a slope down towards the Welland River along the north end of the Site. The surface of the Site consisted of scrub grass and trees.

### 2.4 Site Services

At the time of the Site reconnaissance, there were residential and agricultural buildings present at the south end of 6811 Reixinger Road; however, these buildings were not included within the scope of this Phase I ESA. There was also a small shed located near the southeast corner of the Site. The Site is not connected to the municipal water supply or sanitary sewer service and electrical service is aboveground. There is underground natural gas connected to 6811 Reixinger Road. Stormwater flows overland north towards the Welland River and through small swales located across the Site. There are aboveground hydro lines-oriented east to west along the south end of the Site.

### 2.5 Physical Setting

The Site lies at an elevation approximately 175 metres above sea level (mASL) (**Google Earth**). The topography across the Site is generally flat, with areas of lower elevation near the very north end of the Site adjacent to the Welland River.

According to the **Quaternary Geology of Ontario, Southern Sheet, Map 2556**, published by the **Ministry of Northern Development and Mines (MNDM)**, the geology near the Site is interpreted to consist of fine-textured glaciolacustrine deposits of primarily silt and clay with minor sand and gravel.

**Bedrock Geology of Ontario, Southern Sheet, Map 2544**, published by the **MNDM**, describes bedrock in the area to be argillaceous dolostone, with shale and evaporites (gypsum, salt at depth) of the Salina Formation.

The local ground water flow direction, based on topographic features and knowledge gained from other sites in the area, is expected to be to the north towards the Welland River. There were also several small drainage swales that traversed parts of the Site that were dry at the time of the reconnaissance. Locally, however, the shallow ground water flow may be influenced by variations in soil type, and minor fluctuations in topography.

### 3.0 ADJACENT LAND USES

Wood reviewed the current land uses of neighbouring properties from publicly accessible locations to assess possible environmental impacts to the Site that may arise from off-Site operations. As noted in Section 2.0, the Site lies in a typical agricultural/vacant setting in an area of primarily agricultural land use, with some residential land use.

Properties surrounding the Site are summarized as follows:

#### North of the Site

North of the central and eastern portions of the Site was the Welland River, followed by inferred parkland (a trail) and Chippawa Parkway. North of the western portion of the Site was the Baden-Powell (Grassy Brook) Park, including the Grassy Brook (a creek/stream), followed by the Welland River.

#### East of the Site

East of the Site was 6533 Reixinger Road, an inferred vacant property with an inferred former commercial building in the southeast corner that also appeared to be vacant. Further east was agricultural/vacant land use.

#### South of the Site

South of the Site was residential, agricultural, and commercial/light industrial land use (i.e., a staging area for construction, a metal refinishing business, and a concrete finishing business) and a roadway (Reixinger Road), followed by vacant land use and inferred residential/commercial land uses.

#### West of the Site

West of the Site was residential/commercial/light industrial/vacant land uses, followed by the QEW and more commercial/industrial land uses. One of the commercial businesses was a garage and auto repair center.

Summary of Findings

Based on observations of these current surrounding properties (from publicly accessible locations), the surrounding properties to the south and southwest including the metal and concrete finishing businesses, as well as the garage and auto repair center represent potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) at the Site.





## 4.0 RECORDS REVIEW

The historical occupancy of the Site and the surrounding properties were reviewed using reasonably available public information consisting of, but not limited to, archived aerial photographs, city directories, FIPs and previous environmental reports. The historical information reviewed was obtained from the following sources:

- Aerial photographs, available at Special Collections, Brock University, in St. Catharines, Ontario, (Brock Special Collections) for the years 1955, 1965, 1978, 1983 and 1994;
- Aerial photographs, available online at <http://navigator.yourniagara.ca>, for the years 1934, 2000, 2006, 2010, and 2018;
- City directories, available from ERIS for various years from 1961 to 2012;
- FIPs, available in-house for 1965;
- Topographic maps for years 1977, 1984, and 1996; and
- Previous environmental reports.

### 4.1 Aerial Photographs

A review of selected aerial photographs was conducted to determine the general development history of the development of the Site and surrounding properties. In some cases, available aerial photography may be at a scale that precludes a detailed interpretation of the Site and surrounding area. The following significant information was inferred from the aerial photographs reviewed concerning the Site and its surrounding properties:

Date	Site	Surrounding Properties
1934	<p>The Site was occupied primarily by agricultural land use (row crops). There were multiple buildings (likely a residential dwelling, a barn, and a third building) at what is currently 6811 Reixinger Road.</p> <p>There appeared to be an inferred residential dwelling near the southwest corner of the Site (7047 Reixinger Road) with an orchard.</p>	<p>West of the Site was roadway and agricultural/vacant land use.</p> <p>East of the Site was vacant or in agricultural use.</p> <p>South of the Site was Reixinger Road, followed by vacant or agricultural land use.</p> <p>North of the Site was the Welland River, followed by land with disturbed ground and a roadway.</p>
1954	No significant changes noted.	<p>Inferred residential dwellings were present southwest of the Site along Reixinger Road.</p> <p>West of the Site was the QEW highway.</p>
1965	Two buildings were present at 7047 Reixinger Road (southwest corner). These appear to be an inferred residential dwelling and another building to support agricultural activities.	An inferred residential dwelling was present at what is currently 7001 Reixinger Road.
1978	A portion of the Site near the northeast corner no longer appears to be maintained for agricultural land use.	<p>An inferred commercial building was present east of the Site at 6533 Reixinger Road.</p> <p>Some minor residential/commercial developed has occurred southeast of the Site along Reixinger Road and Lyons Creek Road.</p>
1983	The orchard may not have been maintained for continued agricultural land use.	Inferred commercial/industrial use appears to the west of the Site (across the QEW).
1994	No significant changes noted.	Continued residential development has occurred southeast of the Site along Reixinger and Lyons Creek Roads.
2000	The inferred dwelling at the southwest corner of 7047	No significant changes noted.



Date	Site	Surrounding Properties
	Reixinger Road was no longer present. Many ditches and swales are present along the Site. Additional buildings were present at 6811 Reixinger Road.	
2006	The Site may no longer have been used for agricultural land use and may not just be vacant grassy land.	No significant changes noted.
2010	Some debris and what is inferred as old farming equipment was present between 35 and 100 m north of the agricultural buildings.	No significant changes noted.
2018	No significant changes noted.	No significant changes noted.

Aerial photographs are presented in **Appendix C**.

## 4.2 City Directories

### Site

According to the city directories reviewed, the following occupants were listed as being present at the Site.

From	To	Occupant
<b>6811 Reixinger Road</b>		
1961	2007/2008	Street Not Listed
2007/2008	Present	Residential
<b>7047 Reixinger Road</b>		
1961	2007/2008	Street Not Listed
2007/2008	2012	Residential

Surrounding Properties

The following properties surrounding the Site were reviewed and may present the Site with potential environmental concerns.

<b>7001 Reixinger Road (Adjacent SW of 7047 Reixinger Road)</b>		
1961	2007/2008	Street Not Listed
2007/2008	Present	Lyons Creek Metal Finishing
<b>7089 Reixinger Road (Adjacent SW of 7047 Reixinger Road)</b>		
1961	2007/2008	Street Not Listed
2007/2008	2012	Residential
2012	Present	Patterned Concrete Niagara
<b>9127 Montrose Road (~180 m NW of the western-most portion of the Site)</b>		
1961	1991	Address Not Listed
1991	1996/1997	Ford Motor Company of Canada Ltd.
1996/1997	2007/2008	Address Not Listed
2007/2008	2012	Kraft Canada Unico Facility Services ES Fox Ltd. Gnr Property Maintenance Chelwood
2012	Present	CanGro Foods Inc Chelwood EX Fox Ltd. GNR Property Maintenance Sf Partners Inc.
<b>9514 Montrose Road (~95 m W of the western-most portion of the Site)</b>		
1961	2007/2008	Street Not Listed
2007/2008	Present	Crown Trucking Services Peter's Delivery Service (2012 to Present only)



### 4.3 Fire Insurance Plans

The following significant information was inferred from the FIPs reviewed concerning the Site and its surrounding properties.

Year	Observations
1965	The area of the Site and surrounding properties were not included in the FIP.

### 4.4 Topographical Maps

Wood reviewed topographic maps for years 1977, 1984, and 1996. The 1977 plan showed three buildings on the south end of the central portion of the Site, with several other buildings present to the south of the western portion of the Site. The 1984 plan showed more buildings present south of the Site, and an extra building that appeared to be on-Site in close proximity to the other Site buildings. In addition to what was shown on the 1977 and 1984 plans, the 1996 plan labelled a property adjacent to the south of the Site as “*Auto Wrecker*”. This is inferred to have been located at 7089 Reixinger Road, adjacent to the southwest corner of the Site. The 1996 plan also showed two silos on-Site near the Site buildings assumed to be associated with the agricultural use of the Site at the time.

### 4.5 Company Records

No company records were provided to Wood during the completion of the Phase I ESA.

#### 4.6 Previous Environmental Site Assessments

Three (3) Technical Memorandums were completed in February, April, and June of 2020, by Golder Associates (the 2020 Golder Memos) and were provided to Wood by the Client. The purpose of the 2020 Golder Memos was to review and summarize the ERIS reports for the Site and other properties, as well as assess any existing environmental constraints at the Site as part of the Schedule C Class Environmental Assessment (Class EA) for the proposed land use. The findings relevant to the environmental condition of the Site (noted as “Site 8”) are summarized below:

- 7171 Reixinger Road was listed as a hazardous waste generator of paint, pigment, and coating residues from 2013 to 2018 (ON5737072);
- 7226 Reixinger Road was listed as a hazardous waste generator of wastes oils and lubricants and waste crankcase oils and lubricants from 2015 to 2018 and since October 2019 (ON8726314);
- 7269 Reixinger Road was listed as a hazardous waste generator of waste paint, pigment, and coating residues, light fuels, waste oils, and lubricants from 2003 to 2006 (ON9827883 and ON3902686);
- 9514 Montrose Road had the following significant information:
  - A total of 136 litres (L) of diesel was discharged and cleaned due to equipment failure. Impact to the environment was considered possible.;
  - Listed as a hazardous waste generator of a combination of petroleum distillates and waste oils and lubricants from 1988 to 1998 (ON1074100);
  - Listed as a hazardous waste generator of a combination of petroleum distillates, waste oils and lubricants, soil skimming and sludges, paint, pigment, and coating residues, aliphatic solvents, and light fuels from 1994 to 2018 (various years; ON1835800);
  - Listed as a hazardous waste generator of a combination of waste oils and sludges (petroleum based) and emulsified oils since December 2018 (ON9462571);
- One domestic water well was noted 220 m southwest of the western-most portion of the Site, installed in 1972; and

- Several areas within the vicinity of the Site and surrounding properties were identified as “Natural Environmental Features” and would require impact assessments if development were to occur within either 30 m, 50 m, or 120 m of the specified area.

#### 4.7 Summary of Historical Records Review

##### Site History

From prior to 1934 until approximately 2006, the Site was occupied by agricultural land use (i.e., row crops with a small section of orchard until the 1980s). An inferred residential building with associated agricultural buildings has been present on the Site since prior to 1934 (6811 Reixinger Road). There was also an inferred residential dwelling with associated agricultural building at 7047 Reixinger Road until approximately 2000. The Site no longer appears to be in agricultural land use and is now considered vacant.

##### Surrounding Land Use History

Based on a review of the available information sources, the properties surrounding the Site were agricultural/vacant until prior to 1934, with some residential and commercial/light industrial land use development since the 1970s.

##### Summary

Based on the historical review completed the following actual and potential environmental issues were identified concerning the Site and surrounding historical land use activities:

- Due to the use of the Site as agricultural for over 65 years, it is likely that pesticides were used at the Site;
- The former presence of an auto wrecking yard adjacent to the southwest corner of the Site; and
- The presence of commercial/light industrial businesses southwest of the Site for metal and concrete finishing.

Additionally, the properties at 7171, 7226, and 6533 Reixinger Road, and 9514 Montrose Road were not inferred to result in APECs at the Site due to separation distances, inferred transgradient directions, and the nature of the operations.

## 5.0 REGULATORY AGENCY FILES AND DATABASE REVIEW

The following databases and documents were reviewed to further assess the environmental condition of the Site:

### 5.1 Local Municipal Agency

Wood contacted the City to inquire if they had any records of environmental non-compliance concerning the Site. In addition, Wood also contacted the RMON (i.e., the Client) to ensure that any records of environmental significance regarding the Site had been provided to Wood.

At the time of preparation of this report, a response had not yet been received from the City. If the records obtained alter the conclusions of this report, the Client will be notified immediately.

Copies of the City and RMON correspondence are provided in **Appendix A**.

### 5.2 Technical Standards and Safety Authority

Fuel storage at industrial facilities in Ontario is regulated by the *Technical Standards and Safety Act 2000 (TSS Act)*. The *TSS Act* has consolidated the seven acts that the TSSA previously administered, including the *Gasoline Handling Act* and the *Energy Act*. Under the *TSS Act*, the *Liquid Fuel Handling Regulation*, *Liquid Fuel Handling Code* and the *Environmental Management Protocol* (also known as GA1/99) have replaced the *Gasoline Handling Act*, *The Gasoline Handling Code* and *GH13* (1993 Environmental Cleanup Guideline). The *TSS Act* applies to all storage tank systems utilized for the storage and handling of gasoline, diesel and fuel oil. According to discussions with a representative of the TSSA - Fuels Safety Division, underground storage tanks (USTs) and ASTs installed under the *Liquid Fuel Handling Regulation*, *Liquid Fuel Handling Code* require registration with the TSSA. Fuel oil tanks utilized in residential buildings will also require registration with the TSSA.



The TSSA was contacted by email and requested to supply any available information concerning the presence of petroleum storage tanks, fuel spill records, accidents, or fuel-related incidents, which may be registered on the subject, or surrounding properties. Wood was contacted by Ms. Connie Hill of the TSSA on July 17, 2020 via email and indicated that no records were found for the Site or the surrounding properties.

A copy of the TSSA response is provided in **Appendix A**.

### 5.3 Ministry of the Environment, Conservation and Parks

Wood completed a Freedom of Information (FOI) search request with the Ministry of the Environment, Conservation and Parks (MECP), to inquire if records of environmental regulatory non-compliance, if any, concerning the Site were available.

At the time of preparation of this report, a response had not yet been received from the MECP. Should the MECP notify Wood that subsequent information is on file and obtainable, Wood will notify the Client of this information and the additional cost (if any) to obtain these records. If the records obtained alter the conclusions of this report, the Client will be notified immediately. A copy of the MECP response is provided in **Appendix A**.

In addition, Wood accessed the MECP's *Access Environment* website on June 29, 2020, to search for information on Environmental Compliance Approvals (ECAs) (formerly known as Certificates of Approval [CofAs], Renewable Energy Approvals (REAs) and registrations on the Environmental Activity and Sector Registry (EASR), which may be listed to the Site. Several records of ECAs for air and sewage works were identified within 250 metres (m) of the Site and are not inferred to present an environmental concern to the Site.

#### 5.3.1 Waste Disposal Site Inventory

Wood reviewed the document entitled "*Waste Disposal Site Inventory*", prepared by the Waste Management Branch of the MOE (dated June 1991). No active or closed waste disposal sites were listed as being present within 1 kilometre (km) of the Site.

#### 5.3.2 Inventory of Coal Gasification Plant Waste Sites in Ontario

Wood reviewed the document entitled "*Inventory of Coal Gasification Plant Waste Sites in Ontario*", prepared for the MOE (dated April 1987). No coal tar sites were listed on the Site or in the surrounding area.

### 5.3.3 Registered PCB Waste Storage Sites as of October 2004

Wood reviewed the MOE computer database on Registered PCB Waste Storage Sites as of October 2004 (database last updated in October 2004). The Site and immediately surrounding properties were not listed as a PCB waste storage site prior to October 2004.

### 5.3.4 Registered Waste Generators for the year 2015

Wood reviewed the MECP computer database on Registered Waste Generators for the year 2015 (the most current). The Site was not listed as a registered waste generator. One property (7171 Reixinger Road – approximately 165 m west of the southern portion of the Site) was listed as a registered waste generator. Details of the waste registration are described in Section 4.6.

In addition, Wood accessed the MECP's *Hazardous Waste Information Network* (HWIN) website on June 29, 2020, to search for information on HWIN registered waste generators, which may be listed to the Site and surrounding properties. The Site and immediately surrounding properties were not listed as registered waste generators according to this database.

NOTE: Not all companies are listed in the MECP's 2015 Database.

### 5.3.5 Registered Waste Receivers for the year 2015

Wood reviewed the MECP computer database on Registered Waste Receivers for the year 2015 (the most current). The Site and surrounding properties were not listed as industrial waste receivers.

NOTE: Not all companies are listed in the MECP's 2015 Database.

### 5.3.6 Brownfields Environmental Site Registry

The MECP Brownfields Environmental Site Registry was accessed on June 29, 2020 to determine if any RSCs have been filed under Part XV.1 under the *Environmental Protection Act* (EPA) for the Site or any of the surrounding properties. A search of the registry indicated that there are no RSCs filed for the Site or any properties in the immediate vicinity of the Site.

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#### 5.4 EcoLog ERIS Report

EcoLog ERIS reports for the Site and surrounding study area was requested by Golder in support of the 2020 Golder Reports. ERIS is a national service that provides site specific environmental and property-use information. An ERIS report contains detailed government and private sector records concerning possible environmental liabilities associated with a property and the surrounding neighbourhoods.

For the Site, the ERIS project numbers are 20200203214 and 20200521038. The findings of the ERIS search may be referenced in **Appendix D** and are summarized in Section 4.6.

#### 5.5 Summary of Regulatory Database Review

Based on these findings, there are no additional PCAs on the Site.

## 6.0 SITE VISIT AND INTERVIEWS

The findings documented in this section are based on a combination of observations made by Wood personnel at the time of the Site visit, as well as information provided by the Site representatives and other individuals contacted as part of the interview process.

### 6.1 General Site Conditions and Housekeeping

In general, the Site appeared to be well maintained. Wood did not observe amounts of debris, staining, outdoor chemical storage or uncontrolled waste storage on-Site at the time of the reconnaissance except some metal debris (i.e., old farming equipment) on the surface of the Site, north of the agricultural buildings at 6811 Reixinger Road. Additionally, an old wooden shed that appeared to contain construction materials (i.e., wood, siding) was found to be located near the southwest corner of the Site.

### 6.2 Air Emissions

Wood did not observe the presence of air emission sources at the time of the reconnaissance that could possibly affect the environmental condition of the Site.

### 6.3 Chemical Storage and Handling

Size (6) to seven (7) ASTs and/or jerry cans were noted on-Site during the reconnaissance, within the same general area. One (1) AST was inferred to have been used for some type of fuel, based on the size and the presence of a jerry can and line and gauge attached. Two (2) others also had lines and gauges attached but the use of the ASTs was unknown. Two (2) white inferred ASTs were also present in on-Site, the use of these tanks is also unknown. Wood is not aware of any chemical spills having occurred at the Site and no evidence of chemical spills, accidental releases or significant staining was observed that would indicate the occurrence of major environmental events (such as spills) that may have significantly affected the quality of the subsurface.

### 6.4 Designated Substances

Individual designated substance regulations have been developed for eleven chemical contaminants and are enforced by the Ministry of Labour (MOL) under the Occupational Health and Safety Act (OHSA). Special regulations were made to prohibit, regulate, restrict, limit, or control worker exposure to designated substances due to their toxic nature. The designated substances identified in OHSA include:

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Asbestos	Vinyl Chloride
Arsenic	Benzene
Lead	Coke Oven Emissions
Ethylene Oxide	Acrylonitrile
Mercury	Isocyanates
Silica	

Given the nature of the Site, Wood has focussed on the following designated substances.

#### 6.4.1 Asbestos

Asbestos is a generic term that refers to a group of naturally occurring fibrous mineral silicates. The ability of asbestos to withstand high temperatures as well as its tensile strength, spinnability, resistance to chemicals and other properties have resulted in hundreds of applications. Friable asbestos refers to materials, which can be readily crumbled using hand pressure, separating asbestos fibres from the binding materials with which they are associated. Non-friable material refers to asbestos, which is associated with a binding agent (such as tar or cement), that prevents the ready release of airborne fibres. Friable asbestos is commonly found in boiler and pipe insulation. Non-friable or bound asbestos is typically found in roofing tars, floor and drywall compound, plaster and precast asbestos cement products commonly referred to as “transite”.

As the shed was wooden and there were no other structures on the Site within the scope of this assessment, ACMs are not a concern at the Site.

#### 6.4.2 Lead

Lead is a heavy metal, which is typically found in the following three forms:

- Metallic lead used to make water distribution pipes, electrical batteries, lead solder, and electric cable sheathes;
- Inorganic compounds often occurring as components of products, such as insecticides, pigments, paints, and glass; and
- Organic lead compounds, the most commonly known of which are tetramethyl lead and tetraethyl lead, used as antiknock additives to gasoline.

The presence of lead containing paints (LCPs) in buildings represents the most significant hazard of all the above noted lead containing products where persons, notably small children, may ingest peeling or flaking LCPs. The generation of airborne lead containing dust created during renovation, demolition, or construction activities (i.e., during sanding and grinding), or like actions on deteriorated painted surfaces also comprises a potential health concern.

In 1976, the federal government passed the Hazardous Products (Liquid Coating Materials) Regulations under the Hazardous Products Act limiting the amount of lead for interior paints to 0.5%. Exterior and commercial paints could still contain lead. In 1991, members of the Canadian Paint and Coatings Association agreed to voluntarily eliminate all added lead from their products. In November 2010, under the Canadian Hazardous Products Act, the Federal Government issued revisions to the Surface Coating Materials Regulations SOR/2005-109, which limits the amount of lead permissible in paints and other surface coating materials to 0.009% lead by dry weight (i.e., 90 micrograms per gram [ $\mu\text{g/g}$ ]).

As the shed was wooden and not painted and there were no other structures on the Site within the scope of this assessment, LCPs are not considered an environmental concern at the Site.

### 6.4.3 Mercury

Minor amounts of mercury are commonly found in a variety of building materials including mercury vapour lamps and thermostats and other electrical control switches. There were no structures on the Site within the scope of this assessment and therefore, mercury is not expected to be an environmental concern at the Site.

## 6.5 Mechanical Equipment

Mechanical equipment including piston type elevators, vehicle hoists, loading dock lifts, and compactors comprise typical hydraulically operated devices. Such equipment contains hydraulic oils, which are operated under high pressures and can be released into the environment because of leaks or equipment failure.

No mechanical equipment was noted on the Site, aside from an old engine and old farming equipment located approximately 75 m north of the agricultural buildings at 6811 Reixinger Road. Additionally, the property at 7001 Reixinger Road, adjacent to the southwest area of the Site, was noted to have a large shop building with multiple vehicles

stored on the property. Therefore, it was noted that vehicle repairs may take place at this property.

## 6.6 Methane

Methane is a colourless and odourless gas commonly formed by the decomposition of organic material. Methane is a large component of natural gas associated with active and closed waste disposal sites. Natural sources of methane include marshes, swamps, bogs, fens or coal and/or peat deposits. Potential risks associated with methane include explosion hazards where methane enters closed spaces and concentrations exceed the lower explosive limit.

Based on observations made at the time of the reconnaissance, as well as the historical review completed, significant amounts of fill materials are not inferred to have historically been placed on the Site. Therefore, methane is not considered to be present at the Site. In addition, the Site is not located within 1 km of a landfill.

Consequently, methane gas is not inferred to be a significant environmental issue at the Site.

## 6.7 Mould

Moulds (also known as “fungi”) are present everywhere in the natural environment, indoors and outdoors. Exposure to mould may occur indoors on water damaged building materials during occupancy, building maintenance and/or repair operations. The most common types of moulds are generally not hazardous. However, some moulds may be problematic to some people.

As no water damage was noted on the shed and there were no other structures on the Site within the scope of this assessment, mould is not considered a concern.

## 6.8 Odour

During the reconnaissance, Wood did not identify any strong, pungent or noxious odours attributable to the Site.

## 6.9 Ozone-Depleting Substances

ODSs include any substances containing chlorofluorocarbon (CFC), hydrochlorofluorocarbon (HCFC), halon or any other material capable of destroying

ozone in the atmosphere. ODSs have been used in rigid polyurethane foam and insulation, laminates, aerosols, air conditioners, fire extinguishers, cleaning solvents and the sterilization of medical equipment. Federal regulations introduced in 1995 required the elimination of production and import of CFCs by January 1, 1996 (subject to certain essential uses) and a freeze on the production and import of HCFC-22 by January 1, 1996. These regulations also require the complete elimination of HCFC-22 by the year 2020.

No ODSs were observed during the reconnaissance.

### **6.10 Pesticides and Herbicides**

Wood did not observe any pesticides or herbicides stored at the Site during the reconnaissance, however as the Site had been historically in agricultural land use, it is likely that pesticides and/or herbicides had been applied to the soil. The Owner of 6811 Reixinger Road confirmed that pesticides (i.e., RoundUp) had been sprayed at the property previously, but not in the last approximately 15 years.

### **6.11 Polychlorinated Biphenyls**

PCBs were most commonly used in capacitors, transformers, circuit breakers, switchgears and lamp ballasts as synthetic insulating materials. The use of PCBs in electrical equipment was prohibited on July 1, 1980. However, PCBs may be present in older hydraulic equipment still in use after the July 1, 1980 cut-off date.

#### **6.11.1 Electrical Transformers**

As noted in Section 2.0, there is no electrical service connected to the Site, however, there are aboveground hydro lines-oriented north to south along the west side of the Site.

Other suspect PCB-containing equipment was not observed at the Site.

#### **6.11.2 Light Ballasts**

No lights ballasts were present on-Site.

#### **6.11.3 PCB Storage Sites**

As discussed in Section 5.4.3, the reviewed MOE “*Ontario Inventory of PCB Storage Sites*” did not list the Site or surrounding properties as a registered PCB waste storage site.



## 6.12 Radioactive Materials

The Canadian Nuclear Safety Commission (CNSC), formerly the Atomic Energy Control Board, under the Nuclear Safety and Control Act, is responsible for the management and licensing of radioactive materials, to ensure that the use of nuclear energy does not pose undue risk to health, safety, security and the environment. The CNSC achieves regulatory control of nuclear facilities and nuclear materials through a comprehensive licensing system, which is administered through the cooperation of federal and provincial government departments such as health, environment, transport and labour.

Radioactive materials or equipment (labelled as such) was not observed at the Site. No testing for the presence of radioactive material was undertaken.

## 6.13 Radon

Radon is a naturally occurring gas produced by the decay of Uranium-238 that tends to concentrate in formations of granite, sandstone, coal, phosphate and uranium deposits. Radon is colourless, odourless and tasteless and tends to percolate up through soil where it may enter and accumulate in basements of buildings through foundation cracks and joints. Because the existence of radon is dependent upon geological factors, it is more of a regional concern than site-specific.

The concentration of radon daughters is measured in units of working level (WL), which is a measure of the potential alpha particles energy per litre of air. The annual exposure limit for the public is 0.01 WL with the annular occupational exposure limit being 4.0 WL. In homes and other non-occupational settings, the maximum permissible annual average concentration of radon daughters caused by the operation of a nuclear facility is 0.02 WL. Health Canada recommends 0.1 WL as an upper limit.

The location of the Site was evaluated against the locations of a soil radon gas study published by the Ontario Geological Survey (OGS) entitled “*Soil Radon Gas Study of Southern Ontario*” (OGS, Open File Report 5847, 1993). The City and the location of the Site are not within the four main study areas investigated by the OGS. Wood is not aware of other records of the presence or emission of radon gas in the immediate area of the City.

Based on the information obtained from the previously referenced sources, Wood does not suspect radon gas to be a significant environmental issue at the Site.

## 6.14 Site In-Filling

Based on observations made at the time of the reconnaissance, the presence of significant amounts of fill material is not inferred to be present at the Site. The topography across the Site was generally flat with a slope down towards the Welland River along the northern edge of the Site.

## 6.15 Spills, Surface Staining and Stressed Vegetation

Wood conducted a walk-around of the Site to identify any areas of significant surface staining, stressed vegetation or any other potential indicators of surface spills or leaks. Wood did not observe evidence of chemical spills or accidental releases at the time of the Site visit. Stressed vegetation was noted in several areas; however, this is inferred to be due to near drought-like conditions as desiccated ground was also noted in these areas. The Owner of 6811 Reixinger Road was not aware of any leaks or spills of any chemicals/fuels at the property.

## 6.16 Storage Tanks

### 6.16.1 Aboveground Storage Tanks

During the reconnaissance, Wood noted the presence of several ASTs and empty liquid containers at 6811 Reixinger Road, approximately 70 to 100 m north of the agricultural buildings, that appeared to have been used to store various chemicals to support vehicle maintenance or other chemicals. The Owner of 6811 Reixinger Road indicated that these ASTs were used to store ammonia for agricultural purposes. He also indicated that there is an empty AST that was previously used to store gasoline, located behind the brown building on the property. A current 50 gallon (approximately 190 litres [L]) diesel AST is located at the barn at 6811 Reixinger Road. An AST, inferred to be used for fuel storage, was also located at 7001 Reixinger Road, located adjacent to the southwestern corner of the Site.

### 6.16.2 Underground Storage Tanks

The Site representatives advised Wood that there are currently no USTs at the Site, nor were they aware of any present historically at the Site. Wood did not observe fill or vent pipes during the Site reconnaissance that would suggest the presence of USTs on Site. The Owner of 6811 Reixinger Road indicated that they have a septic tank located just behind (north of) the residential dwelling.

## 6.17 Urea Formaldehyde Foam Insulation

Urea formaldehyde foam insulation (UFFI) is a thermal insulation material that is pumped into interstitial spaces between the walls of buildings where it hardens to form a solid layer of insulation. The sale and installation of UFFI was banned for health-related reasons because of the formation of formaldehyde gas, which is released from the UFFI to the building interior.

There were no insulated structures on the Site within the scope of this assessment and therefore, UFFI is not considered to be present.

## 6.18 Waste Management

### 6.18.1 Liquid Waste

As mentioned in Sections 5.4.4 and 5.5, the Site was not listed in the 2015 MECP computer database nor in the EcoLog ERIS report as being a registered liquid industrial waste generator.

### 6.18.2 Solid Waste

As mentioned in Sections 5.4.4 and 5.5, the Site is not listed in the 2015 MECP computer database nor in the EcoLog ERIS report as a generator of solid hazardous waste.

## 6.19 Wells

Ontario Regulation 903 (*O. Reg. 903*) (amended to *O. Reg. 128/03*) sets the standards for the construction, maintenance and abandonment of water wells and licensing of water well contractors and technicians in the province of Ontario. Under the regulation, any well that is not being used or maintained for future use, as a well must be abandoned in accordance with the procedures set forth in the regulation. This regulation also applies to monitoring and test wells such as those routinely installed for environmental and/or geotechnical testing purposes. Artesian or flowing wells must also be abandoned unless a device can be installed to prevent the well from flowing. *O. Reg. 903* also applies to dry wells or to wells that permit the movement of natural gas or other contaminants between subsurface formations or between formations and the ground surface. *O. Reg. 903* does not apply to oil and gas wells.

### 6.19.1 Water Wells

The safety of drinking water in the province of Ontario is legislated under the Drinking Water Systems Regulation (known as *O. Reg. 170/03; amended to O. Reg. 165/04*) made under the *Safe Drinking Water Act*. The regulation defines requirements for the following types of systems that supply potable water in the province: “large municipal non-residential systems”, “large municipal residential systems”, “large non-municipal non-residential systems”, “non-municipal seasonal residential systems”, “non-municipal year-round residential systems” and “public facilities”.

A review of the MECP Well Records and Ecolog ERIS report indicated that two (2) water supply wells installed in 1954 are present within the vicinity of the Site: one (1) located on a property adjacent west to the southwestern corner of the Site, and another located approximately 50 m south of the southwestern corner of the Site. Both were associated with a former public school according to the well records.

The Owner of 6811 Reixinger Road indicated that there is a well at the property, which is no longer in use but had previously been used in support of the cattle farming that had taken place. The residential dwelling at 6811 Reixinger Road utilizes a cistern for their domestic water use.

### 6.19.2 Other Wells

No test wells, disposal wells, oil wells or gas wells were observed at the Site by Wood during the reconnaissance. Wood is not aware of any historic wells having ever been present at the Site in the past. A search of the Ontario Oil, Gas & Salt Resource Library identified a gas well approximately 225 m south of the Site.

## 6.20 Other Observations

Based on the reconnaissance there were no other observations of any environmental significance regarding the Site. However, the Owner of 6811 Reixinger Road noted that geotechnical drilling had taken place at the Site in the 1990s in support of a proposed amusement park at the Site.

## 7.0 CONCLUSIONS & RECOMMENDATIONS

The Site is an irregular-shaped property, approximately 76 ha (187 acres) in area. The Site consisted primarily of field previously used for agricultural purposes with a treed area at the northeast end. The Site was primarily flat, except for a slope down towards the Welland River along the north end of the Site. The surface of the Site consisted of scrub grass and trees.

Based on observations made by Wood during the reconnaissance, it is Wood's opinion that there are no environmental concerns regarding former USTs on-Site. However, as noted in Section 6.16.1, Wood noted the presence of ASTs and other liquid containers north of the agricultural buildings at 6811 Reixinger Road. An AST was also noted at 7001 Reixinger Road, which is located adjacent to the west of the southwest corner of the Site.

Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represents PCAs which result in APECs at the Site:

- Due to the use of the Site as agricultural for over 65 years, it is likely that pesticides were used at the Site;
- The former presence of an auto wrecking yard adjacent to the southwest corner of the Site;
- The presence of commercial/light industrial businesses southwest of the Site for metal and concrete finishing;
- The presence of several ASTs and an old engine, inferred to have been part of some type of farming equipment, located on-Site at 6811 Reixinger Road, approximately 70 to 100 m north of the agricultural buildings. Additionally, two other ASTs are present at the property, one (1) 50 gallon (approximately 189 L) tank to store diesel in support of the farming equipment, and an old empty gasoline AST that is no longer in use; and
- The presence of an AST and potential mechanical equipment located at 7001 Reixinger Road, adjacent to the southwestern corner of the Site.

The following table represents PCAs which result in APECs at the Site:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Former Application of Pesticides	Entire Site	PCA #40 – Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	On-Site	OCs, Metals, As, Sb, Se	Soil
APEC-2: The Presence of Several ASTs and an Old Engine	Area 70-100 m North of the Agricultural Buildings at 6811 Reixinger Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	PHCs, VOCs, BTEX, Metals, As, Sb, Se, EC, SAR, CN	Soil and Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
<p>APEC-3: The Presence of Metal and Concrete Finishing Businesses, an AST, Potential Mechanical Equipment, and a Former Auto Wrecking Yard</p>	<p>Southwest Corner of Site</p>	<p>PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks                      PCA #52 – Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems                      PCA #33 – Metal Treatment, Coating, Plating and Finishing                      PCA #12 - Concrete, Cement and Lime Manufacturing                      PCA #49 - Salvage Yard, including automobile wrecking</p>	<p>Off-Site</p>	<p>pH, Metals, As, Sb, Se, PHCs, VOCs, BTEX, PAHs, EC, SAR, CN</p>	<p>Soil and Ground Water</p>



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of <i>O. Reg. 153/04</i> as amended, where applicable.					
OCs – Organochlorine Pesticides		PHCs – Petroleum Hydrocarbons			
VOCs – Volatile Organic Compounds Ethylbenzene, Xylenes		BTEX – Benzene, Toluene,			
PAHs – Polycyclic Aromatic Hydrocarbons		As, Sb, Se – Arsenic, Antimony and Selenium (hydrides)			
EC – Electrical Conductivity		SAR – Sodium Adsorption Ratio			
CN – Cyanide (free)					

Based on the Phase I ESA completed by Wood, there is evidence of potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the areas of environmental concern.





## 8.0 ASSESSOR QUALIFICATIONS

The report was prepared and reviewed by the undersigned, employees of Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited. Wood is one of North America's leading engineering firms, with more than 50 years of experience in the earth and environmental consulting industry. The qualifications of the assessors involved in the preparation of this report are provided in **Appendix H**.

## 9.0 CLOSURE

This report was prepared for the exclusive use of RMON and is intended to provide a Phase I ESA of a vacant 76 ha (187 acre) parcel of land located north of Reixinger Road, south of the Welland River and east of the QEW highway in Niagara Falls, Ontario, at the time of the Site visit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from Wood will be required. With respect to third parties, Wood has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the Phase I ESA of the property conducted by Wood. It is based solely on the conditions of the Site encountered at the time of the Site visit on August 19, 2020 supplemented by a review of historical information and data obtained by Wood as described in this report, and discussion with a representative of the owner/occupant, as reported herein. Except as otherwise maybe specified, Wood disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to Wood after the time during which Wood conducted the Phase I ESA.

In evaluating the property, Wood has relied in good faith on information provided by other individuals noted in this report. Wood has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Wood accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Wood makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This Report is also subject to the further Standard Limitations contained in **Appendix I**.

We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Respectfully Submitted,

**Wood Environment & Infrastructure Solutions,  
a Division of Wood Canada Limited.**

Prepared by:



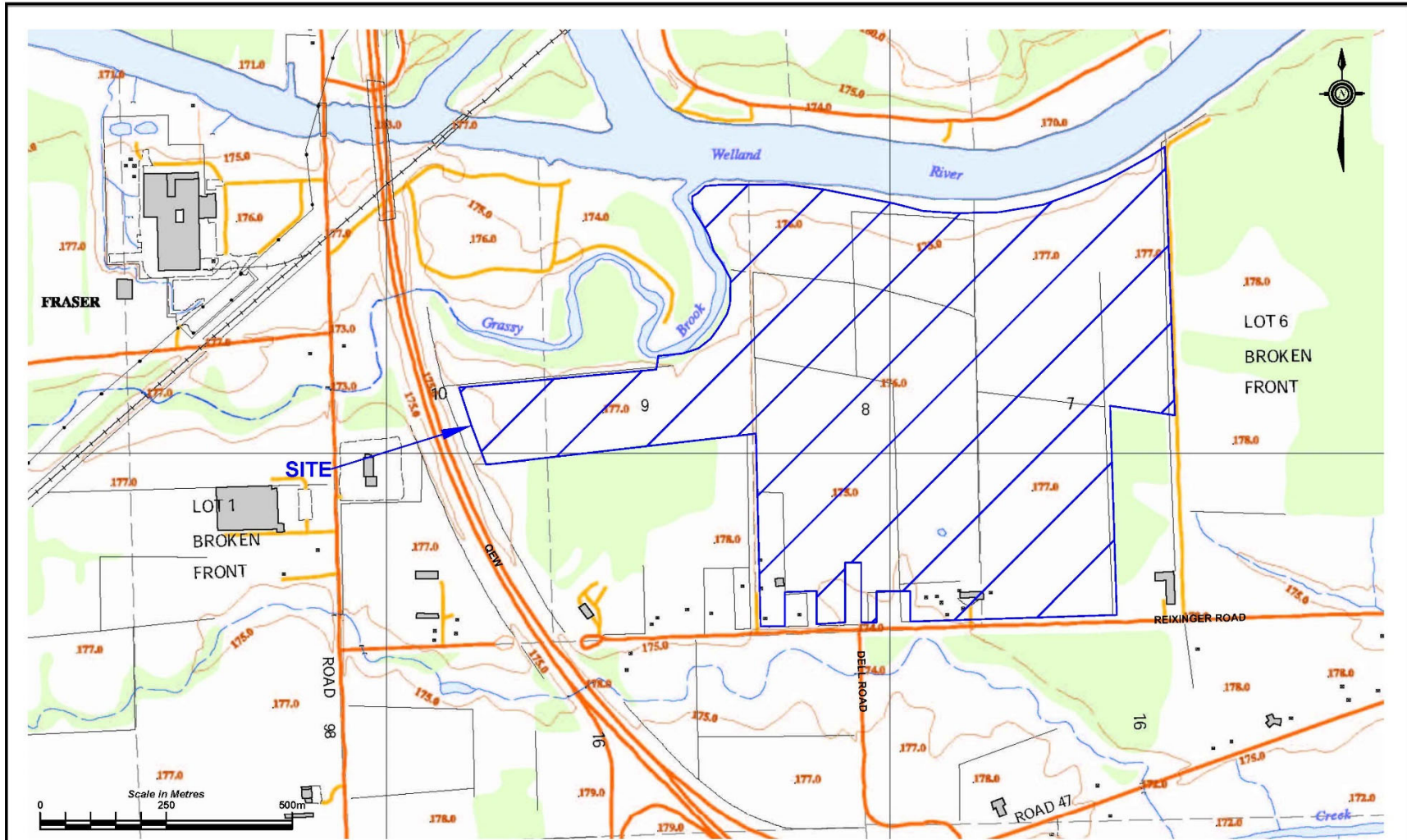
Braedan Huras, B.Sc., EPT  
Environmental Technician

Reviewed by:



Patrick Shriner, P.Geo.  
Associate Environmental Geoscientist

## FIGURES



REFERENCE: Base plan provided by First Base Solutions.

FOR ILLUSTRATION PURPOSES ONLY. ALL LOCATIONS APPROXIMATE.

CLIENT:  <b>The Regional Municipality of Niagara</b>	DWN BY: DM	PROJECT: <b>PHASE II ENVIRONMENTAL SITE ASSESSMENT FUTURE WASTEWATER TREATMENT PLANT NIAGARA FALLS, ONTARIO</b>	REV. NO.: A
	CHK'D BY: PS		DATE: FEBRUARY 2021
Wood Environment & Infrastructure Solutions 110 James Street, Suite 301 St. Catharines, Ontario	DATUM: NAD83	TITLE:  <b>SITE LOCATION PLAN</b>	PROJECT NO: OESAM2008
	PROJECTION: UTM Zone 17		NO. : <b>FIGURE 1</b>
	SCALE: AS SHOWN		





REFERENCE: Base plan provided by Niagara Navigator.

FOR ILLUSTRATION PURPOSES ONLY. ALL LOCATIONS APPROXIMATE.

CLIENT: <b>The Regional Municipality of Niagara</b>	LEGEND: — SITE BOUNDARY - - - PROPOSED DISCHARGE PIPE - - - PROPOSED WASTE WATER TREATMENT PLANT	DWN BY: <b>DM</b>	PROJECT: <b>PHASE I ENVIRONMENTAL SITE ASSESSMENT          FUTURE WASTEWATER TREATMENT PLANT          NIAGARA FALLS, ONTARIO</b>	REV. NO.: <b>A</b>
		CHK'D BY: <b>PS</b>	DATUM: <b>NAD83</b>	DATE: <b>SEPTEMBER 2020</b>
Wood Environment & Infrastructure Solutions 110 James Street, Suite 301 St. Catharines, Ontario		PROJECTION: <b>UTM Zone 17</b>	TITLE: <b>SITE LAYOUT PLAN</b>	PROJECT NO.: <b>OESAM2008</b>
		SCALE: <b>AS SHOWN</b>		NO.: <b>FIGURE 2</b>

**APPENDIX A**

**REGULATORY CORRESPONDENCE AND RECORD OF INTERVIEW**

## RECORD OF INTERVIEW – PROJECT # OESAM2008.3000

<b>Purpose of Interview (PI ESA / Due Diligence ESA)</b>	Phase I ESA	
<b>Date of Interview</b>	August 28, 2020	<b>Format</b> (phone / meeting)
<b>Site Address</b>	6811 Reixinger Road	
<b>Interviewee &amp; Affiliation &amp; Contact Number</b>	Mr. Robert Crawford, Owner, 905-295-6259	
<b>Wood Interviewer / Office Location</b>	Braedan Huras / Thorold Office	

### SITE INFORMATION

- 1) Describe land use history. Was the property ever used for industrial use, dry cleaning, a garage or bulk liquid dispensing facility, including a gasoline outlet?

Always used for agricultural purpose, used to grow crops like hay, corn, wheat, also previously had cattle.

- 2) Are you aware of any environmental issues associated with the subject property such as waste disposal, landfilling, chemical use and / or storage (including spills), above or underground storage tanks, MOE orders, etc.? (obtain details) Yes No

AST N of buidlings used to store fertilizer, empty now. No tanks that he's aware of to store gasoline except for one just behind the brown building but has been empty for a long time. Currently has a diesel engine at the barn, just a 50 gallon tank. Have sprayed pesticides in the past, used to use RoundUp, but haven't sprayed anything in about 15 years.

- 3) Are you aware of any environmental building management issues such as asbestos containing materials, PCBs in electrical equipment, odour, mould, indoor air quality, UFFI, ODSs, lead-based paints, etc.? (obtain details) Yes  No

- 4) Are you aware of any site-specific permits, waste generator number(s), certificates of approval, water well records or sewer use / discharge permits? Yes No

One well at the barn, used previously for cattle. No longer in use. Still there but no cattle on the property anymore. Been at least 5 years. Cystern for water for domestic purposes and septic tank (located directly behind the house).

- 5) Are you aware of any current or historical environmental concerns associated with adjacent properties? (obtain details)

Yes  No

- 6) Are you aware of any previous environmental investigations, inspections, audits or reports (e.g., environmental assessment and remediation, tank removals, asbestos or mould surveys) for the subject property or adjacent properties? Yes No

Drilling had been completed in the 90's. Were thinking about installing a theme park - geotechnical drilling.

- 7) Is there anyone else Wood should contact for additional environmental information? (name, title, phone no.) Yes  No

Are additional pages attached: Yes/No, If so how many?\_\_\_



## Huras, Braedan

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** Friday, July 17, 2020 1:50 PM  
**To:** Huras, Braedan  
**Subject:** RE: OESAM2008.3000 - Record Fuels

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

### No Records Found

Thank you for your request for confirmation of public information.

- We confirm that there are **no fuel storage tanks records** in our database at the subject address(es).

For a further search in our archives please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard).

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Kind regards,



### Connie Hill | Public Information Agent

Facilities

345 Carlingview Drive  
Toronto, Ontario M9W 6N9

Tel: +1-416-734-3383 | Fax: +1-416-231-6183 | E-Mail: [publicinformationsservices@tssa.org](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



---

**From:** Huras, Braedan <braedan.huras@woodplc.com>  
**Sent:** July 17, 2020 12:36 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** OESAM2008.3000 - Record Fuels

**[CAUTION]:** This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Can you please inform me of any spills, fuel storage tanks, complaints or issues with the following addresses in Niagara Falls, Ontario:

Reixinger Road:  
- 6553

- 6811
- 7001
- 7047
- 7089
- 7119
- 7171
- 7226

Montrose Road:

- 9240
- 9514

In advance, thank you for your assistance.

**Braedan Huras, EPt**

Environmental Technician

Office: (905) 687-6616 x43

Mobile: (289) 219-1457

3300 Merrittville Hwy, Unit 5, Thorold, ON, L2V 4Y6, Canada

[braedan.huras@woodplc.com](mailto:braedan.huras@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)



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If you do not wish to receive future unsolicited commercial electronic messages from us, please forward this email to: [unsubscribe@woodplc.com](mailto:unsubscribe@woodplc.com) and include "Unsubscribe" in the subject line. If applicable, you will continue to receive invoices, project communications and similar factual, non-commercial electronic communications.

Please click <http://www.woodplc.com/email-disclaimer> for notices and company information in relation to emails originating in the UK, Italy or France.

As a recipient of an email from a John Wood Group Plc company, your contact information will be on our systems and we may hold other personal data about you such as identification information, CVs, financial information and information contained in correspondence. For more information on our privacy practices and your data protection rights, please see our privacy notice at <https://www.woodplc.com/policies/privacy-notice>

August 24, 2020

City of Niagara Falls  
4310 Queen Street,  
P.O. Box 1023  
Niagara Falls, Ontario  
L2E 6X5

Attention: Mr. Alex Herlovitch – Deputy Director of Planning and Development

**Re: Phase I Environmental Site Assessment  
7047, 6811 Reixinger Road and Westerly Adjacent Land  
Niagara Falls, ON**

Dear Mr. Herlovitch:

We have been retained to undertake a Phase I Environmental Site Assessment on the above referenced property. As such, we would appreciate a review of your files regarding any environmental concerns associated with it, or the surrounding lands.

Please do not hesitate to contact the undersigned if you require any further information to complete your records search.

The \$100.00 search fee and site location plan are attached. Please note that the site for this request is highlighted in purple. Please kindly forward a receipt with your response.

Thank you for your earliest response.

Regards,

**Wood Environment and Infrastructure Solutions**



Braedan Huras  
Environmental Technician  
Encl. (cheque, site location plan)

Freedom of Information and  
Protection of Privacy Office  
40 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto ON M4V 1M2  
Telephone 416 314-4075

**Instructions**

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**


FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

**1. Requester Data**

Last Name <b>Huras</b>	First Name <b>Braedan</b>	Middle Initial
Title <b>Environmental Technician</b>	Company Name <b>Wood Environment &amp; Infrastructure Solutions</b>	

**Mailing Address**

Unit Number <b>5</b>	Street Number <b>3300</b>	Street Name <b>Merrittville Highway</b>	PO Box
City/Town <b>Thorold</b>		Province <b>Ontario</b>	Postal Code <b>L2V 4Y6</b>
Email Address <b>braedan.huras@woodplc.com</b>		Telephone Number <b>289 219-1457</b> ext.	Fax Number

Project/Reference Number <b>OESAM2008.3000</b>	Signature of Requester 
---	---

**2. Request Parameters**

**Municipal Address** (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number <b>6811</b>	Street Name <b>Reixinger Road</b>	PO Box
Lot Number	Concession	Geographic Township	
City/Town/Village <b>Thorold</b>		Province <b>Ontario</b>	Postal Code <b>L2E 6S6</b>

**Present Property**

1. Owner <b>Robert Crawford</b>	Date of Ownership (yyyy/mm/dd) <del>2005/01/01</del> <b>Unknown</b>
Tenant (if applicable)	

**Previous Property**

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	
2. Owner	Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

### 3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

### 4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input checked="" type="checkbox"/>	1985-Present
renewable energy	<input checked="" type="checkbox"/>	1985-Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input checked="" type="checkbox"/>	1985-Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input checked="" type="checkbox"/>	1985-Present
waste water - industrial discharge	<input checked="" type="checkbox"/>	1985-Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input checked="" type="checkbox"/>	1985-Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input checked="" type="checkbox"/>	1985-Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

Freedom of Information and  
Protection of Privacy Office  
40 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto ON M4V 1M2  
Telephone 416 314-4075

**Instructions**

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

**1. Requester Data**

Last Name <b>Huras</b>	First Name <b>Braedan</b>	Middle Initial	
Title <b>Environmental Technician</b>	Company Name <b>Wood Environment &amp; Infrastructure Solutions</b>		
<b>Mailing Address</b>			
Unit Number <b>5</b>	Street Number <b>3300</b>	Street Name <b>Merrittville Highway</b>	PO Box
City/Town <b>Thorold</b>	Province <b>Ontario</b>	Postal Code <b>L2V 4Y6</b>	
Email Address <b>braedan.huras@woodplc.com</b>	Telephone Number <b>289 219-1457</b>	Fax Number ext.	
Project/Reference Number <b>OESAM2008.3000</b>	Signature of Requester 		

**2. Request Parameters**

**Municipal Address** (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number <b>7047</b>	Street Name <b>Reixinger Road</b>	PO Box
Lot Number	Concession	Geographic Township	
City/Town/Village <b>Thorold</b>	Province <b>Ontario</b>	Postal Code <b>L2E 6S6</b>	

**Present Property**

1. Owner <b>William Overall</b>	Date of Ownership (yyyy/mm/dd) <b>2005/01/01</b>
Tenant (if applicable)	

**Previous Property**

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	
2. Owner	Date of Ownership (yyyy/mm/dd)

### 3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

### 4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input checked="" type="checkbox"/>	1985-Present
renewable energy	<input checked="" type="checkbox"/>	1985-Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input checked="" type="checkbox"/>	1985-Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input checked="" type="checkbox"/>	1985-Present
waste water - industrial discharge	<input checked="" type="checkbox"/>	1985-Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input checked="" type="checkbox"/>	1985-Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input checked="" type="checkbox"/>	1985-Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.



**wood.**

**APPENDIX B**  
**PHOTOGRAPHS**







**Photo 1:**  
Treed area east of the Site.

**Date:** August 19, 2020

**Direction:**  
East



**Photo 2:**  
View of the Site from the east.

**Date:** August 19, 2020

**Direction:**  
West



**Photo 3:**  
View north of the Site, with Welland River and public park across the river visible.

**Date:** August 19, 2020

**Direction:**  
North



**Photo 4:**  
View of the Site from the north.

**Date:** August 19, 2020

**Direction:**  
South



**Photo 5.**  
View west of  
the Site, with  
construction  
occurring on the  
QEW.

**Date:** August  
19, 2020

**Direction:**  
West



**Photo 6.**  
View of the Site  
from the west.

**Date:** August  
19, 2020

**Direction:**  
East



**Photo 7:**  
View of the treed area south of the Site across Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
South



**Photo 8:**  
View of the Site from the south.

**Date:** August 19, 2020

**Direction:**  
North



**Photo 9:**  
Residential dwelling at 6811 Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
North



**Photo 10:**  
Agricultural buildings at 6811 Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
North



**Photo 11:**  
AST noted north of the agricultural buildings at 6811 Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
N/A



**Photo 12:**  
Farming equipment with AST located behind.

**Date:** August 19, 2020

**Direction:**  
N/A





**Photo 15:**  
AST and garage/workshop at 7001 Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
N/A



**Photo 16:**  
The concrete finishing business at 7089 Reixinger Road.

**Date:** August 19, 2020

**Direction:**  
North





**Photo 17:**  
Construction staging area adjacent to the southern portion of the Site.

**Date:** August 19, 2020

**Direction:**  
East



**wood.**

**APPENDIX C**  
**AERIAL PHOTOS**





**wood.**

**1934 Aerial Photograph**



**Phase I Environmental Site Assessment**

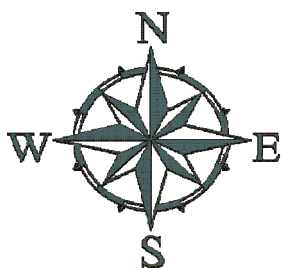
**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Aug-20



SITE ↙

**wood.**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

**1954 Aerial Photograph**

**Project No.:**

**Scale:**

**Date:**

OESAM2008

Not to Scale

Aug-20



**wood.**

**1965 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b> OESAM2008	<b>Scale:</b> Not to Scale	<b>Date:</b> Aug-20
----------------------------------	-------------------------------	------------------------



**wood.**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b> OESAM2008	<b>Scale:</b> Not to Scale	<b>Date:</b> Aug-20
----------------------------------	-------------------------------	------------------------

**1978 Aerial Photograph**



**wood.**

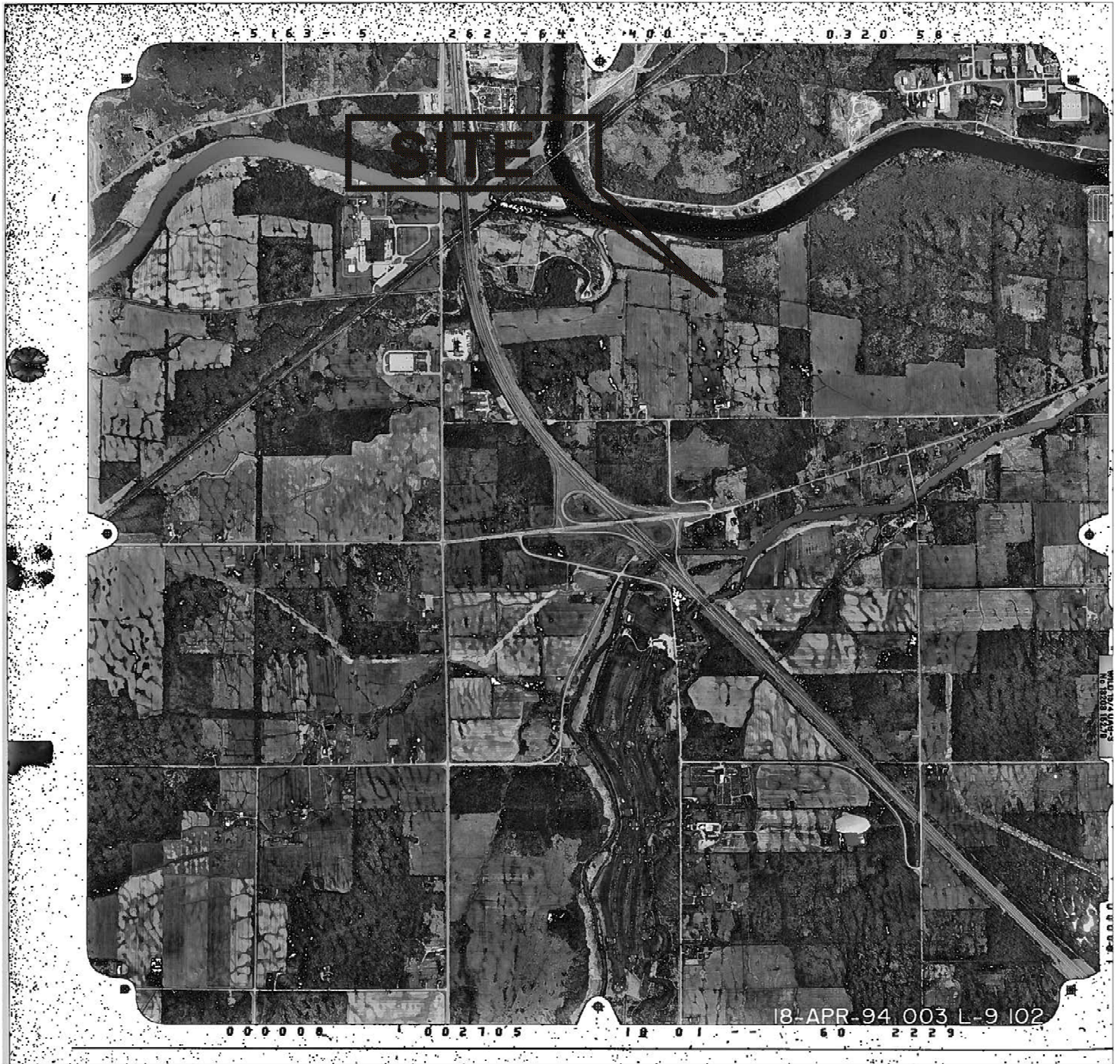
**1983 Aerial Photograph**



**Phase I Environmental Site Assessment**

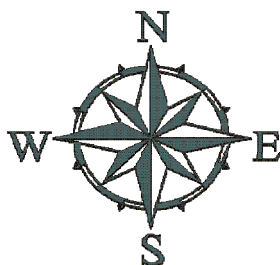
**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b> OESAM2008	<b>Scale:</b> Not to Scale	<b>Date:</b> Aug-20
----------------------------------	-------------------------------	------------------------



**wood.**

**1994 Aerial Photograph**



**Phase I Environmental Site Assessment**

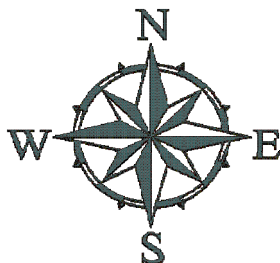
**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Aug-20





**wood.**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b> OESAM2008	<b>Scale:</b> Not to Scale	<b>Date:</b> Aug-20
----------------------------------	-------------------------------	------------------------

**2000 Aerial Photograph**



**wood.**

**2006 Aerial Photograph**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Aug-20



**wood.**

**2010 Aerial Photograph**



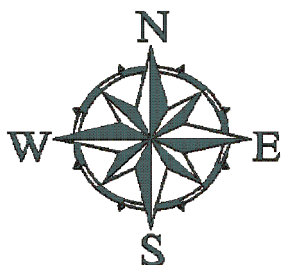
**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Aug-20



**wood.**



**Phase I Environmental Site Assessment**

**Preferred WWTP Site, Niagara Falls, ON**

<b>Project No.:</b> OESAM2008	<b>Scale:</b> Not to Scale	<b>Date:</b> Aug-20
----------------------------------	-------------------------------	------------------------

**2018 Aerial Photograph**



**wood.**

**APPENDIX D**  
**ERIS REPORT**



# DATABASE REPORT

**Project Property:** 18104462  
18104462 (Site 8)  
Niagara Falls ON L2H 0A6

**Project No:**

**Report Type:** Quote - Custom-Build Your Own Report

**Order No:** 20200203214

**Requested by:** Golder Associates Ltd.

**Date Completed:** February 6, 2020

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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

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# Executive Summary

## **Property Information:**

**Project Property:** 18104462  
18104462 (Site 8) Niagara Falls ON L2H 0A6

**Project No:**

## **Order Information:**

**Order No:** 20200203214  
**Date Requested:** February 3, 2020  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**



## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
ÅAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
ÅGR	<i>Aggregate Inventory</i>	Y	0	0	0
ÅMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ÅNDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
ÅST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
ÅUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	1	0	1
ÇA	<i>Certificates of Approval</i>	Y	0	1	1
ÇDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
ÇFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
ÇHEM	<i>Chemical Register</i>	Y	0	0	0
ÇNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
ÇOAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
ÇCONV	<i>Compliance and Convictions</i>	Y	0	0	0
ÇPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
ÈASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
ÈBR	<i>Environmental Registry</i>	Y	0	1	1
ÈCA	<i>Environmental Compliance Approval</i>	Y	0	1	1
ÈEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
ÈHS	<i>ERIS Historical Searches</i>	Y	1	1	2
ÈIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
ÈMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
ÈPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
ÈXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
ÈCON	<i>Federal Convictions</i>	Y	0	0	0
ÈCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
ÈFED TANKS	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
ÈFOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
ÈFST	<i>Fuel Storage Tank</i>	Y	0	0	0
ÈFSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
ÈGEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	10	10
ÈGHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
ÈHINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
ÈIAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
ÈINC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	2	2
<b>Total:</b>			2	16	18

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	BORE		ON	SE/0.0	-9.02	<a href="#">15</a>
<a href="#">2</a>	EHS		7269 and 6533 reixinger road niagara falls ON L2E 6S6	WSW/0.0	-5.49	<a href="#">17</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">3</a>	EBR	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON	ESE/71.5	-6.05	<a href="#">17</a>
<a href="#">3</a>	CA	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	ESE/71.5	-6.05	<a href="#">18</a>
<a href="#">3</a>	ECA	Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	ESE/71.5	-6.05	<a href="#">18</a>
<a href="#">4</a>	WWIS		lot 9 ON  <i>Well ID:</i> 6602252	SW/19.2	-0.21	<a href="#">18</a>
<a href="#">5</a>	EHS		7089 Reixinger Rd Niagara Falls ON L2E 6S6	SW/36.1	0.14	<a href="#">21</a>
<a href="#">6</a>	WWIS		lot 16 con 7 ON  <i>Well ID:</i> 6602286	SW/68.3	-13.37	<a href="#">21</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	WSW/178.7	0.99	<a href="#">24</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	WSW/178.7	0.99	<a href="#">24</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	WSW/178.7	0.99	<a href="#">25</a>
<a href="#">7</a>	GEN	Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	WSW/178.7	0.99	<a href="#">26</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SW/238.5	-9.93	<u>26</u>
<u>8</u>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SW/238.5	-9.93	<u>27</u>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	0.0	<a href="#"><u>1</u></a>

## **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	71.5	<a href="#"><u>3</u></a>

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Dec 31, 2019 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON	71.5	<a href="#"><u>3</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Lyons Creek Metal Finishing Ltd.	6533 Reixinger Road Niagara Falls ON L2E 6S6	71.5	<a href="#"><u>3</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Oct 31, 2019 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	7269 and 6533 reixinger road niagara falls ON L2E 6S6	0.0	<a href="#"><u>2</u></a>
	7089 Reixinger Rd Niagara Falls ON L2E 6S6	36.1	<a href="#"><u>5</u></a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 10 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	178.7	<a href="#"><u>7</u></a>
Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	178.7	<a href="#"><u>7</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	238.5	<a href="#"><u>8</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	238.5	<a href="#"><u>8</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 9 ON  <i>Well ID:</i> 6602252	19.2	<a href="#"><u>4</u></a>
	lot 16 con 7 ON  <i>Well ID:</i> 6602286	68.3	<a href="#"><u>6</u></a>



79°7'W

79°6'30"W

79°6'W

43°23'0"N

43°23'0"N



### Map : 0.25 Kilometer Radius

Order Number: 20200203214

Address: 18104462 (Site 8), Niagara Falls, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail		Other Recreation Area
	Proposed Road		
	Ferry Route/Ice Road		



**Aerial** Year: 2018

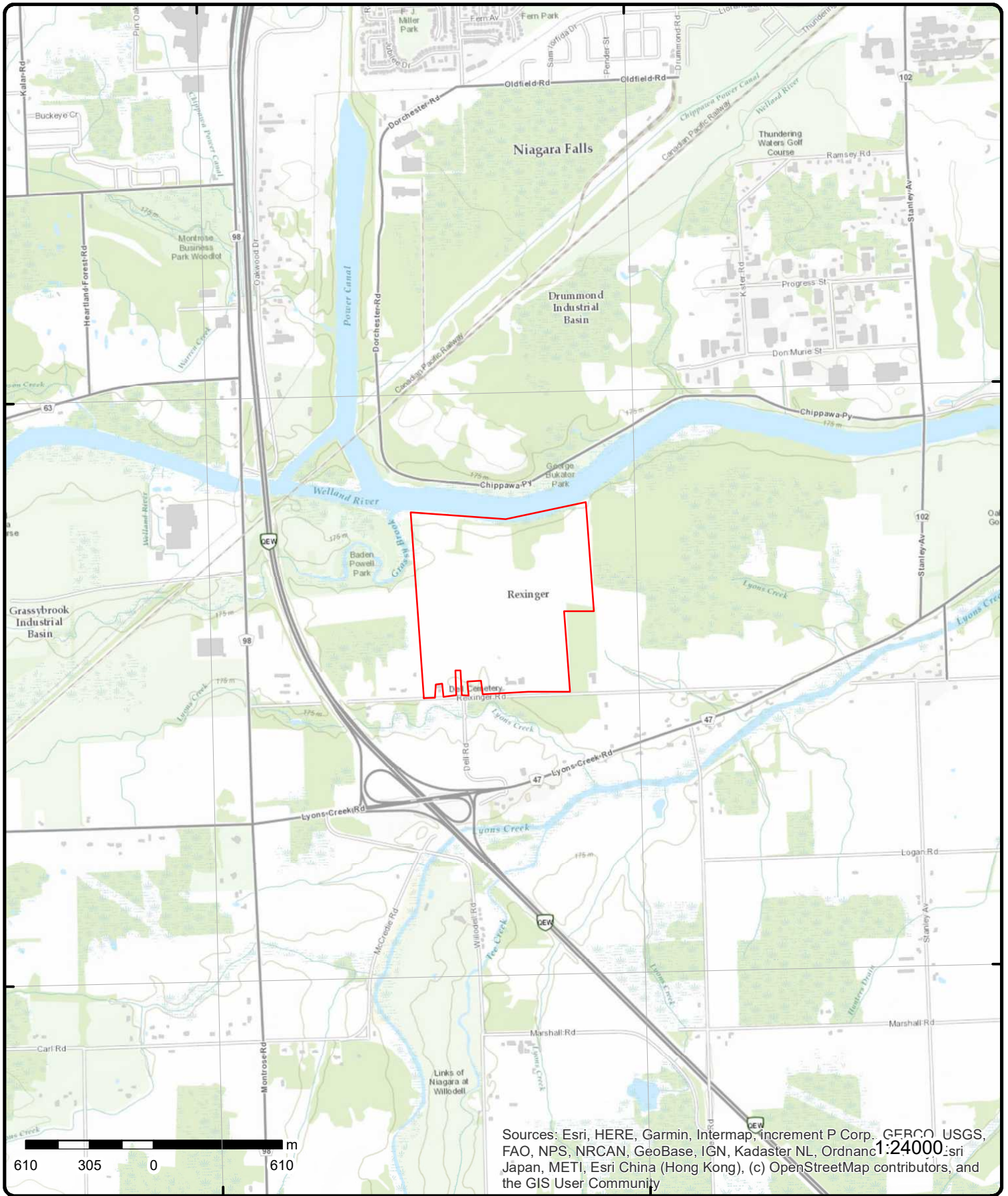
**Address: 18104462 (Site 8), Niagara Falls, ON**

Source: ESRI World Imagery

Order Number: 20200203214



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# Topographic Map

Address: 18104462 (Site 8), ON

Source: ESRI World Topographic Map

Order Number: 20200203214



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	SE/0.0	169.9 / -9.02	ON	BORE
<b>Borehole ID:</b>		606429		<b>Inclin FLG:</b>	No
<b>OGF ID:</b>		215508237		<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>		Borehole		<b>Piezometer:</b>	No
<b>Use:</b>				<b>Primary Name:</b>	
<b>Completion Date:</b>		AUG-1954		<b>Municipality:</b>	
<b>Static Water Level:</b>		3.2		<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.03923
<b>Total Depth m:</b>		-999		<b>Longitude DD:</b>	-79.1057
<b>Depth Ref:</b>		Ground Surface		<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	654305
<b>Drill Method:</b>				<b>Northing:</b>	4766913
<b>Orig Ground Elev m:</b>		176		<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>		177			
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

### Borehole Geology Stratum

<b>Geology Stratum ID:</b> 218373966	<b>Mat Consistency:</b>
<b>Top Depth:</b> 38.1	<b>Material Moisture:</b>
<b>Bottom Depth:</b> 85.3	<b>Material Texture:</b>
<b>Material Color:</b>	<b>Non Geo Mat Type:</b>
<b>Material 1:</b> Bedrock	<b>Geologic Formation:</b>
<b>Material 2:</b>	<b>Geologic Group:</b>
<b>Material 3:</b>	<b>Geologic Period:</b>
<b>Material 4:</b>	<b>Depositional Gen:</b>
<b>Gsc Material Description:</b>	
<b>Stratum Description:</b> BEDROCK.	

<b>Geology Stratum ID:</b> 218373970	<b>Mat Consistency:</b>
<b>Top Depth:</b> 128	<b>Material Moisture:</b>
<b>Bottom Depth:</b> 137	<b>Material Texture:</b>
<b>Material Color:</b> Grey	<b>Non Geo Mat Type:</b>
<b>Material 1:</b> Bedrock	<b>Geologic Formation:</b>
<b>Material 2:</b> Shale	<b>Geologic Group:</b>
<b>Material 3:</b>	<b>Geologic Period:</b>
<b>Material 4:</b>	<b>Depositional Gen:</b>
<b>Gsc Material Description:</b>	
<b>Stratum Description:</b> BEDROCK, SHALE. GREY.	

<b>Geology Stratum ID:</b> 218373964	<b>Mat Consistency:</b>
<b>Top Depth:</b> 0	<b>Material Moisture:</b>
<b>Bottom Depth:</b> 31.1	<b>Material Texture:</b>
<b>Material Color:</b>	<b>Non Geo Mat Type:</b>
<b>Material 1:</b> Unknown	<b>Geologic Formation:</b>
<b>Material 2:</b>	<b>Geologic Group:</b>
<b>Material 3:</b>	<b>Geologic Period:</b>

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>		UNSPECIFIED.		<b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373965 31.1 38.1  Bedrock Limestone Shale			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373971 137 143 Light Bedrock Sandstone	BEDROCK,LIMESTONE, SHALE. WATER STABLE AT 569.6 FEET.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373967 85.3 102  Bedrock Shale	BEDROCK,SANDSTONE. LIGHT.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373969 112 128 Red Bedrock Sandstone	BEDROCK,SHALE.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373968 102 112  Bedrock	BEDROCK,SANDSTONE. RED.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b>	218373972 143  Red Bedrock Shale	BEDROCK.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Material 4:**

**Gsc Material Description:**

**Stratum Description:** BEDROCK, SHALE. RED. 0102003701250035028000320335003103700027042000270450002504700024 \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Depositional Gen:**

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	M	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 050990 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Reliable information but incomplete.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

<b>2</b>	1 of 1	<b>WSW/0.0</b>	<b>173.4 / -5.49</b>	<b>7269 and 6533 reixinger road niagara falls ON L2E 6S6</b>	<b>EHS</b>
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<b>Order No:</b>	20060111001	<b>Nearest Intersection:</b>	Dell road
<b>Status:</b>	C	<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	1/19/2006	<b>Search Radius (km):</b>	1
<b>Date Received:</b>	1/11/2006	<b>X:</b>	-79.111486
<b>Previous Site Name:</b>		<b>Y:</b>	43.0396
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>			

<b>3</b>	1 of 3	<b>ESE/71.5</b>	<b>172.8 / -6.05</b>	<b>Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls ON</b>	<b>EBR</b>
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<b>EBR Registry No:</b>	IA03E1073	<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	4202-5NEK63	<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision	<b>Section:</b>	
<b>Notice Stage:</b>	800722029	<b>Act 1:</b>	
<b>Notice Date:</b>	January 26, 2004	<b>Act 2:</b>	
<b>Proposal Date:</b>	July 24, 2003	<b>Site Location Map:</b>	
<b>Year:</b>	2003		
<b>Instrument Type:</b>	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
<b>Off Instrument Name:</b>			
<b>Posted By:</b>			
<b>Company Name:</b>	Lyons Creek Metal Finishing Ltd.		
<b>Site Address:</b>			
<b>Location Other:</b>			
<b>Proponent Name:</b>			
<b>Proponent Address:</b>	6533 Reixinger Road, Niagara Falls Ontario, L2E 6S6		
<b>Comment Period:</b>			
<b>URL:</b>			

**Site Location Details:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6533 Reixinger Road Niagara Falls Ontario L2E 6S6 Niagara Falls					
<a href="#">3</a>	2 of 3	ESE/71.5	172.8 / -6.05	Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls ON L2E 6S6	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		6678-5VCMTG 2004 1/20/2004 Air Revoked and/or Replaced			
<a href="#">3</a>	3 of 3	ESE/71.5	172.8 / -6.05	Lyons Creek Metal Finishing Ltd. 6533 Reixinger Road Niagara Falls ON L2E 6S6	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b>		6678-5VCMTG 2004-01-20 Revoked and/or Replaced ECA IDS Niagara Peninsula ECA-AIR AIR 6533 Reixinger Road		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
				Niagara -79.10333 43.03899399999995	
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4202-5NEK63-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4202-5NEK63-14.pdf</a>			
<a href="#">4</a>	1 of 1	SW/19.2	178.7 / -0.21	lot 9 ON	WWIS
<b>Well ID:</b> <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b>		6602252 Public 0 Water Supply			
		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> <b>Selected Flag:</b> <b>Abandonment Rec:</b> <b>Contractor:</b> <b>Form Version:</b> <b>Owner:</b> <b>Street Name:</b> <b>County:</b> <b>Municipality:</b> <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
		1 12/9/1954 Yes 3409 1 NIAGARA (WELLAND) NIAGARA FALLS CITY (WILLOUGHBY) 009 BF WR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Clear/Cloudy:</i>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10461985			<b>Elevation:</b>	175.44487
<b>DP2BR:</b>	85			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	653724
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4766671
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	5/31/1954			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594353				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	12				
<b>Most Common Material:</b>	STONES				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	80				
<b>Formation End Depth:</b>	83				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594352				
<b>Layer:</b>	2				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	10				
<b>Formation End Depth:</b>	80				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594351				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932594355			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		85			
<b>Formation End Depth:</b>		92			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932594354			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>		83			
<b>Formation End Depth:</b>		85			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010555			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930750597			
<b>Layer:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		92			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602252			
<b>Pump Set At:</b>					
<b>Static Level:</b>		14			
<b>Final Level After Pumping:</b>		35			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		4			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949555			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		92			
<b>Water Found Depth UOM:</b>		ft			
<u>5</u>	1 of 1	SW/36.1	179.0 / 0.14	7089 Reixinger Rd Niagara Falls ON L2E 6S6	EHS
<b>Order No:</b>		20130123035		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>		Standard Select Report		<b>Client Prov/State:</b>	ON
<b>Report Date:</b>		01-FEB-13		<b>Search Radius (km):</b>	.25
<b>Date Received:</b>		23-JAN-13		<b>X:</b>	-79.113109
<b>Previous Site Name:</b>				<b>Y:</b>	43.037259
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		City Directory			
<u>6</u>	1 of 1	SW/68.3	165.5 / -13.37	lot 16 con 7 ON	WWIS
<b>Well ID:</b>		6602286		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>		Public		<b>Date Received:</b>	12/9/1954
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>		Water Supply		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	NIAGARA (WELLAND)
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	016
<b>Well Depth:</b>				<b>Concession:</b>	07
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b>	10462019			<b>Elevation:</b>	174.183074
<b>DP2BR:</b>	36			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	17
<b>Code OB:</b>	r			<b>East83:</b>	653742
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4766581
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	6/4/1954			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594463				
<b>Layer:</b>	4				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	11				
<b>Most Common Material:</b>	GRAVEL				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	34				
<b>Formation End Depth:</b>	36				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932594461				
<b>Layer:</b>	2				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>	15				
<b>Formation End Depth:</b>	33				
<b>Formation End Depth UOM:</b>	ft				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594460		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			15		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594464		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			36		
<b>Formation End Depth:</b>			37		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594462		
<b>Layer:</b>			3		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>			11		
<b>Other Materials:</b>			GRAVEL		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			33		
<b>Formation End Depth:</b>			34		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>			1		
<b>Method Construction:</b>			Cable Tool		
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			11010589		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No:		1			
Comment:					
Alt Name:					
<b><u>Construction Record - Casing</u></b>					
Casing ID:		930750650			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<b><u>Results of Well Yield Testing</u></b>					
Pump Test ID:		996602286			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		20			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		N			
<b><u>Water Details</u></b>					
Water ID:		933949589			
Layer:		1			
Kind Code:		3			
Kind:		SULPHUR			
Water Found Depth:		36			
Water Found Depth UOM:		ft			

<u>7</u>	1 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
Generator No:		ON5737072		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		238320			
SIC Description:		Painting and Wall Covering Contractors			

<u>7</u>	2 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
Generator No:		ON5737072		PO Box No:	
Status:				Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013  238320			Choice of Contact: Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	3 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2016 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	4 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2015 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class: Waste Class Desc:	145 PAINT/PIGMENT/COATING RESIDUES				
<u>7</u>	5 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON5737072  2014 No No 238320			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:  PAINTING AND WALL COVERING CONTRACTORS	
<b>Detail(s)</b>					
Waste Class:	145				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<u>7</u>	6 of 6	WSW/178.7	179.9 / 0.99	Sealer Works Inc Proline Pavement Markings 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<u>8</u>	1 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	2 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>8</u>	3 of 4	SW/238.5	169.0 / -9.93	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2G 0R9	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			

<u>8</u>	4 of 4	SW/238.5	169.0 / -9.93	<b>Nexterra Substructures Incorporated</b> <b>7226 Reixinger Road</b> <b>Niagara Falls ON L2G 0R9</b>	<b>GEN</b>
<b>Generator No:</b>		ON8726314		<b>PO Box No:</b>	
<b>Status:</b>		Registered		<b>Country:</b> Canada	
<b>Approval Years:</b>		As of Oct 2019		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			



# Unplottable Summary

Total: 9 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	CITY	DELL AVE.	NIAGARA FALLS CITY ON	
CA	NATIVE HERITAGE REALTY LIMITED	LYON'S CREEK ROAD	NIAGARA FALLS CITY ON	
CA		Part Township Lot 223 & 224, Chippawa Parkway	Niagara Falls ON	
CA	NATIVE HERITAGE REALTY LIMITED	LYON'S CREEK ROAD	NIAGARA FALLS CITY ON	
CONV	IAN HERD	Reixinger Road	Niagara Falls ON	
SPL	R & R Trucking Inc.	QEW Southbound, south of McLeod Road	Niagara Falls ON	
SPL	Enbridge Energy Distribution Inc.	lot 6	Niagara Falls ON	
SPL	Ramgarhia Trucking Inc.	QEW near Lyons Creek Road (Toronto bound)	Niagara Falls ON	
SPL	2305016 Ontario Inc.	QEW north of Thorold Stone RD	Niagara Falls ON	

# Unplottable Report

---

**Site:** CITY  
DELL AVE. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1256-85-006  
**Application Year:** 85  
**Issue Date:** 11/9/85  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NATIVE HERITAGE REALTY LIMITED  
LYON'S CREEK ROAD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1088-92-  
**Application Year:** 92  
**Issue Date:** 11/9/1992  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Part Township Lot 223 & 224, Chippawa Parkway Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6210-4HLKUN  
**Application Year:** 00  
**Issue Date:** 3/22/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of watermains on Reilly Street from Front Street to Chippawa Parkway  
**Contaminants:**  
**Emission Control:**

---

**Site:** NATIVE HERITAGE REALTY LIMITED  
LYON'S CREEK ROAD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1399-92-

**Application Year:** 92  
**Issue Date:** 11/9/1992  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** IAN HERD  
Reixinger Road Niagara Falls ON

**Database:**  
CONV

**File No:** 050104

**Location:**  
**Region:**  
**Ministry District:**

**Crown Brief No:**  
**Court Location:**  
**Publication City:**  
**Publication Title:**  
**Act:**  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**  
**Description:**

On March 20, 2009, Ian M. Herd was sentenced ex parte, to six months in jail after being convicted on August 15, 2008 for failing to have oil-contaminated soil transported to an approved waste management facility by an approved waste hauler and failing to submit copies of all manifests and receipts to the ministry. An order was also issued to Mr. Herd and 1499974 Ontario Inc. to clean up the site in St. Catharines. Since Mr. Herd was not in attendance at the time of sentencing, a committal warrant was issued for his arrest. The Court heard that Mr. Herd is the sole director of 1499974 Ontario Inc. In April of 2006, the company purchased a property on Reixinger Road in Niagara Falls that contained an abundance of scrap metal, tires and liquid automobile wastes in barrels. In August of 2006, ministry staff issued an order to the company and Mr. Herd, requiring the removal of the oil-contaminated soil at the property and submission of all receipts related to the clean-up. Mr. Herd failed to comply with the order. Mr. Herd and the company were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch. Mr. Herd had previously been convicted of two other offences under the Environmental Protection Act. In 2004, he was convicted of operating a waste disposal site for tires in Belleville without a Certificate of Approval. A fine of \$13,000 was imposed, as well as a court order to clean up the site. He was then charged with failing to comply with the court order and pleaded guilty to the charge in June 2008. In September 2008, he was sentenced to sixty days in jail to be served intermittently, and two years of probation. His fine was suspended and a second court order was issued.

**Background:**  
**URL:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:**  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:**  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** March 20, 2009  
**Charge Disposition:** jail  
**Fine:** 6 months  
**Synopsis:**

---

**Site:** R & R Trucking Inc.  
QEW Southbound, south of McLeod Road Niagara Falls ON

**Database:**  
SPL

**Ref No:** 4453-6539X9

**Discharger Report:**

**Site No:**  
**Incident Dt:** 9/23/2004  
**Year:**  
**Incident Cause:** Other Transport Accident  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Land & Water  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 9/22/2004  
**Dt Document Closed:**  
**Incident Reason:** Error- Operator error  
**Site Name:** SOUTHBOUND QEW, SOUTH OF MCLEOD ROAD<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** MVA: R&R Truck: 450L DSL to ditch @ QEW  
**Contaminant Qty:** 450 L

**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Transport Truck  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Niagara  
**Site Postal Code:**  
**Site Region:** West Central  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** M.O.L. - Industrial; Spill to Land  
**Source Type:**

**Site:** *Enbridge Energy Distribution Inc.*  
 lot 6 Niagara Falls ON

**Database:**  
 SPL

**Ref No:** 1485-ABV84U  
**Site No:** NA  
**Incident Dt:** 2016/07/14  
**Year:**  
**Incident Cause:**  
**Incident Event:** Leak/Break  
**Contaminant Code:** 35  
**Contaminant Name:** NATURAL GAS (METHANE)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:**  
**Receiving Env:** Air  
**MOE Response:** No  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2016/07/15  
**Dt Document Closed:**  
**Incident Reason:** Operator/Human Error  
**Site Name:** Mingle subdivision<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Enbridge - 3" plastic main struck by excavator, safe  
**Contaminant Qty:** 0 other - see incident description

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Miscellaneous Communal  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** lot 6  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill  
**Source Type:**

**Site:** *Ramgarhia Trucking Inc.*  
 QEW near Lyons Creek Road (Toronto bound) Niagara Falls ON

**Database:**  
 SPL

**Ref No:** 3136-8SXPYJ  
**Site No:**  
**Incident Dt:** 01-APR-12  
**Year:**  
**Incident Cause:** Other Transport Accident  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Transport Truck  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** QEW near Lyons Creek Road (Toronto bound)

**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination; Surface Water Pollution  
**Receiving Medium:** Sewage - Municipal/Private and Commercial  
**Receiving Env:**  
**MOE Response:** Deferred Field Response  
**Dt MOE Arvl on Scn:** 05-APR-12  
**MOE Reported Dt:** 01-APR-12  
**Dt Document Closed:**  
**Incident Reason:** Spill  
**Site Name:** TT Accident<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** QEW: MVW, 40 gal of diesel into ditch  
**Contaminant Qty:**

**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:** 4765420  
**Easting:** 654522  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Source Type:**

**Site:** 2305016 Ontario Inc.  
 QEW north of Thorold Stone RD Niagara Falls ON

**Database:**  
 SPL

**Ref No:** 0015-9AUR8L  
**Site No:**  
**Incident Dt:** 2013/08/23  
**Year:**  
**Incident Cause:** Leak/Break  
**Incident Event:**  
**Contaminant Code:** 13  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Confirmed  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No Field Response  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2013/08/23  
**Dt Document Closed:**  
**Incident Reason:** Operator/Human Error  
**Site Name:** QEW Northbound<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Seaport Intermodal, 75L, to soil, not clnd  
**Contaminant Qty:** 75 L

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Truck - Only Saddle Tanks  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:** QEW north of Thorold Stone RD  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Niagara Falls  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Highway Spills (usually highway accidents)  
**Source Type:**

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jul 31, 2019**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jul 31, 2019**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Nov 2019**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Nov 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Dec 31, 2019**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Dec 31, 2019**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Dec 31, 2019**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Oct 31, 2019**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2018**



**List of Expired Fuels Safety Facilities:**

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

**Government Publication Date: Jun 2000-Nov 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal FED TANKS

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Oct 31, 2019**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO2 eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2019**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2018**

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Dec 31, 2019**

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2019**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Dec 31, 2019**

**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988-Dec 2019**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Dec 31, 2019**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jul 31, 2019**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Jun 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: 2011-Dec 31, 2019**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



# DATABASE REPORT

**Project Property:** *18104462 Blueplan  
Niagara  
Welland ON*

**Project No:**

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *20200521038*

**Requested by:** *Golder Associates Ltd.*

**Date Completed:** *June 3, 2020*



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# Executive Summary

## **Property Information:**

**Project Property:** 18104462 Blueplan  
Niagara Welland ON

**Project No:**

## **Order Information:**

**Order No:** 20200521038  
**Date Requested:** May 21, 2020  
**Requested by:** Golder Associates Ltd.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</i>	<i>Total</i>
ÅAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
ÅGR	<i>Aggregate Inventory</i>	Y	0	0	0
ÅMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ÅNDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
ÅST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
ÅUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
ĈA	<i>Certificates of Approval</i>	Y	0	0	0
ĈDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
ĈFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
ĈCHEM	<i>Chemical Register</i>	Y	0	0	0
ĈNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
ĈCOAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
ĈCONV	<i>Compliance and Convictions</i>	Y	0	0	0
ĈCPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
ĖASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
ĖBR	<i>Environmental Registry</i>	Y	0	0	0
ĖCA	<i>Environmental Compliance Approval</i>	Y	0	0	0
ĖEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
ĖHS	<i>ERIS Historical Searches</i>	Y	0	3	3
ĖIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
ĖMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
ĖPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
ĖXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
ĖCON	<i>Federal Convictions</i>	Y	0	0	0
ĖCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
ĖOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
ĖRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
ĖST	<i>Fuel Storage Tank</i>	Y	0	0	0
ĖSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
ĖGEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	29	29
ĖHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
ĖHINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
ĖIAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
ĖINC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
<b>Total:</b>			0	34	34

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	GEN	Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	WSW/15.1	30.66	<a href="#">17</a>
<a href="#">1</a>	GEN	1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	WSW/15.1	30.66	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	S/250.0	34.59	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	S/250.0	34.59	<a href="#">17</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	S/250.0	34.59	<a href="#">18</a>
<a href="#">2</a>	GEN	Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	S/250.0	34.59	<a href="#">19</a>
<a href="#">3</a>	EHS		7269 and 6533 reixinger road niagara falls ON L2E 6S6	ESE/150.8	29.70	<a href="#">19</a>
<a href="#">4</a>	SPL	PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	W/147.7	18.87	<a href="#">19</a>
<a href="#">4</a>	GEN	MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#">20</a>
<a href="#">4</a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#">20</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>4</u></a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	W/147.7	18.87	<a href="#"><u>20</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>20</u></a>
<a href="#"><u>4</u></a>	GEN	CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>21</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>21</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	EHS		9514 Montrose Road Niagara Falls ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>22</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>23</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>23</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	W/147.7	18.87	<a href="#"><u>24</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	W/147.7	18.87	<a href="#"><u>24</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>25</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>25</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>26</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>26</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	W/147.7	18.87	<a href="#"><u>27</u></a>
<a href="#"><u>4</u></a>	EHS		9514 Montrose Rd Niagara Falls ON L0S1K0	W/147.7	18.87	<a href="#"><u>28</u></a>
<a href="#"><u>4</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>28</u></a>
<a href="#"><u>4</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	W/147.7	18.87	<a href="#"><u>29</u></a>
<a href="#"><u>5</u></a>	WWIS		lot 10 ON  <b>Well ID:</b> 6602673	WSW/220.5	28.29	<a href="#"><u>29</u></a>



# Executive Summary: Summary By Data Source

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 3 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	7269 and 6533 reixinger road niagara falls ON L2E 6S6	150.8	<a href="#"><u>3</u></a>
	9514 Montrose Road Niagara Falls ON	147.7	<a href="#"><u>4</u></a>
	9514 Montrose Rd Niagara Falls ON L0S1K0	147.7	<a href="#"><u>4</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 29 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	15.1	<a href="#"><u>1</u></a>
1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	15.1	<a href="#"><u>1</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	250.0	<a href="#"><u>2</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	250.0	<a href="#"><u>2</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	250.0	<a href="#"><u>2</u></a>
MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	147.7	<a href="#"><u>4</u></a>
DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#"><u>4</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#"><u>4</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	147.7	<a href="#">4</a>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	147.7	<a href="#">4</a>

### **SPL - Ontario Spills**

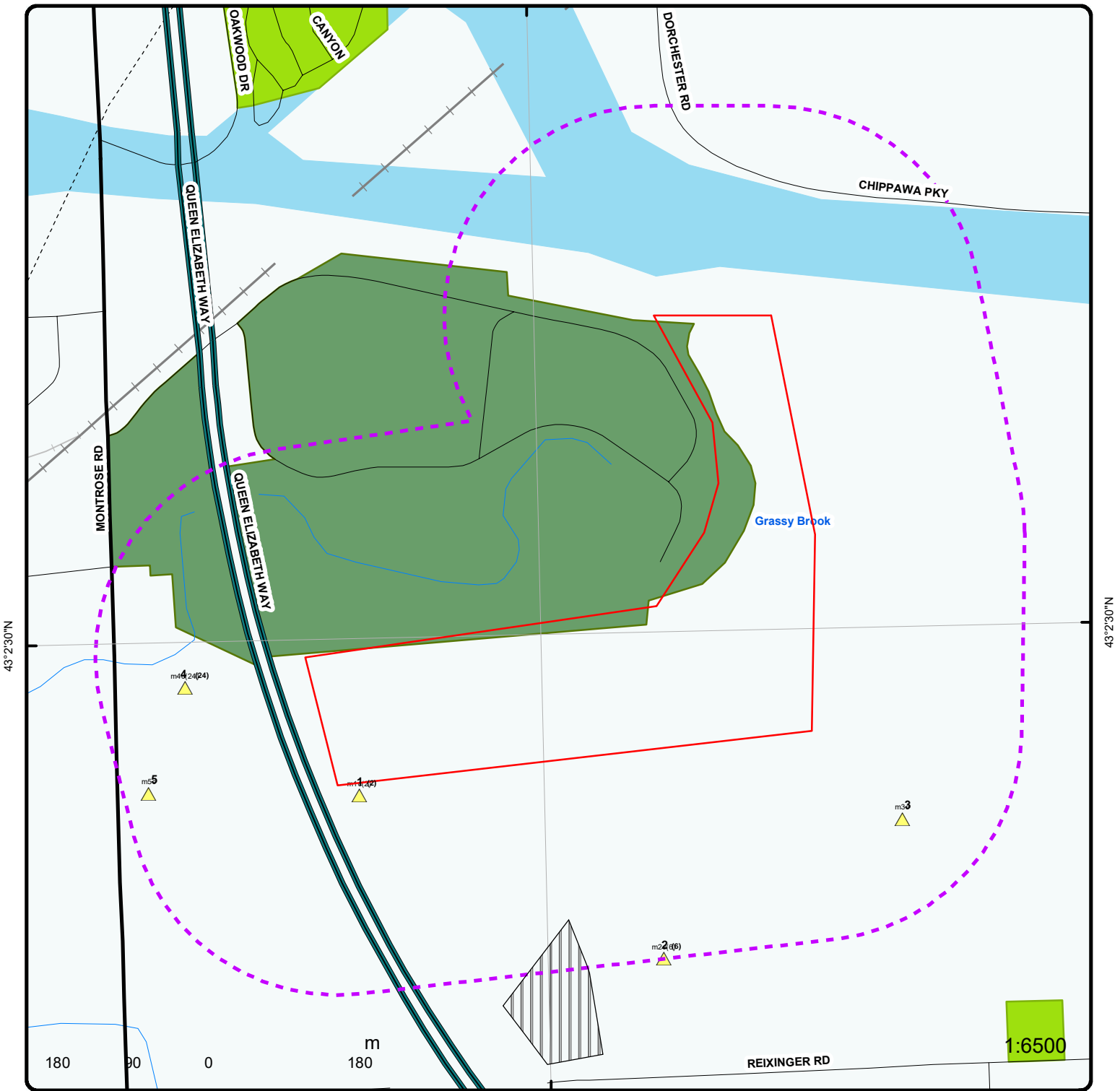
A search of the SPL database, dated 1988-Nov 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	147.7	<a href="#">4</a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Feb 28, 2019 has found that there are 1 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 10 ON  <i>Well ID: 6602673</i>	220.5	<a href="#">5</a>



43°2'30"N

43°2'30"N

### Map : 0.25 Kilometer Radius

Order Number: 20200521038  
Address: Niagara, Welland, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Ferry Route/Ice Road		

79°7'30"W

43°3'N

43°3'N



**Aerial** Year: 2018

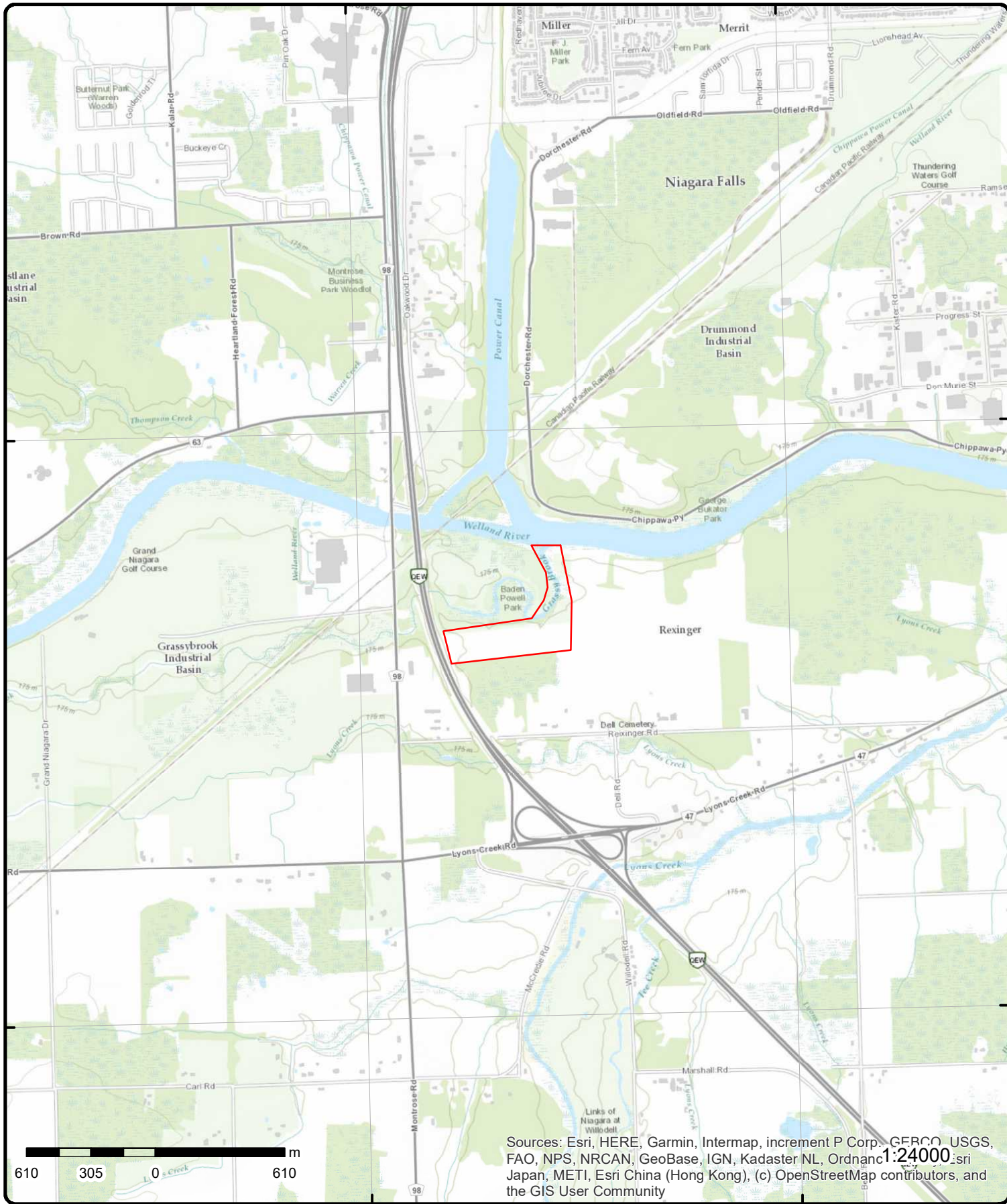
**Address: Niagara, Welland, ON**

Source: ESRI World Imagery

Order Number: 20200521038



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Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Address: Niagara, ON

Source: ESRI World Topographic Map

Order Number: 20200521038



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 2	WSW/15.1	174.8 / 30.66	Estate Property of John Horosko 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON9827883			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<a href="#">1</a>	2 of 2	WSW/15.1	174.8 / 30.66	1499974 Ontario Inc. 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON3902686			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	06			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">2</a>	1 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238320				
<b>SIC Description:</b>	Painting and Wall Covering Contractors				
<a href="#">2</a>	2 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	2013  238320			<b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b> PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145		PAINT/PIGMENT/COATING RESIDUES	
<u>2</u>	3 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2G0S3</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2016 No No 238320			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> <b>Phone No Admin:</b> PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145		PAINT/PIGMENT/COATING RESIDUES	
<u>2</u>	4 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2E6S6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2015 No No 238320			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> <b>Phone No Admin:</b> PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145		PAINT/PIGMENT/COATING RESIDUES	
<u>2</u>	5 of 6	S/250.0	178.8 / 34.59	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2E6S6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072  2014 No No 238320			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> <b>Phone No Admin:</b> PAINTING AND WALL COVERING CONTRACTORS	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<u>2</u>	6 of 6	S/250.0	178.8 / 34.59	Sealer Works Inc Proline Pavement Markings 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
<b>Generator No:</b>	ON5737072	<b>PO Box No:</b>			
<b>Status:</b>	Registered	<b>Country:</b>	Canada		
<b>Approval Years:</b>	As of Dec 2018	<b>Choice of Contact:</b>			
<b>Contam. Facility:</b>		<b>Co Admin:</b>			
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>			
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<u>3</u>	1 of 1	ESE/150.8	173.9 / 29.70	7269 and 6533 reixinger road niagara falls ON L2E 6S6	EHS
<b>Order No:</b>	20060111001	<b>Nearest Intersection:</b>	Dell road		
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	1/19/2006	<b>Search Radius (km):</b>	1		
<b>Date Received:</b>	1/11/2006	<b>X:</b>	-79.111486		
<b>Previous Site Name:</b>		<b>Y:</b>	43.0396		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<u>4</u>	1 of 24	W/147.7	163.0 / 18.87	PRIVATE BUSINESS 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	SPL
<b>Ref No:</b>	109684	<b>Discharger Report:</b>			
<b>Site No:</b>		<b>Material Group:</b>			
<b>Incident Dt:</b>	1/27/1995	<b>Health/Env Conseq:</b>			
<b>Year:</b>		<b>Client Type:</b>			
<b>Incident Cause:</b>	VALVE/FITTING LEAK OR FAILURE	<b>Sector Type:</b>			
<b>Incident Event:</b>		<b>Agency Involved:</b>			
<b>Contaminant Code:</b>		<b>Nearest Watercourse:</b>			
<b>Contaminant Name:</b>		<b>Site Address:</b>			
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>			
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>			
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>			
<b>Environment Impact:</b>	POSSIBLE	<b>Site Municipality:</b>	18105		
<b>Nature of Impact:</b>	Soil contamination	<b>Site Lot:</b>			
<b>Receiving Medium:</b>	LAND	<b>Site Conc:</b>			
<b>Receiving Env:</b>		<b>Northing:</b>			
<b>MOE Response:</b>		<b>Easting:</b>	MCCR		
<b>Dt MOE Arvl on Scn:</b>		<b>Site Geo Ref Accu:</b>			
<b>MOE Reported Dt:</b>	2/1/1995	<b>Site Map Datum:</b>			
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>			
<b>Incident Reason:</b>	DAMAGE BY MOVING EQUIPMENT	<b>Source Type:</b>			
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	CROWN TRUCKING SERVICES- 136 L DIESEL TO CONCRETE PAD,TANK LEAK,CLEANED UP				
<b>Contaminant Qty:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">4</a>	2 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	88			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">4</a>	3 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT (OUT OF BUS.) 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	89,90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">4</a>	4 of 24	W/147.7	163.0 / 18.87	MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	92,93,94,95,96,97,98			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<a href="#">4</a>	5 of 24	W/147.7	163.0 / 18.87	DONALD W MURRAY (MOVERS) 1981 LIMITED 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94,95,96,97			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	3231			<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>MOTOR VEHICLE IND.</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213			
<b>PETROLEUM DISTILLATES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252			
<b>WASTE OILS &amp; LUBRICANTS</b>					
<b>4</b>	<b>6 of 24</b>	<b>W/147.7</b>	<b>163.0 / 18.87</b>	<b>CROWN TRUCKING SERVICES</b> <b>9514 MONTROSE ROAD</b> <b>NIAGARA FALLS ON LOS 1K0</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON1835800 98,99,00,01 3231			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>MOTOR VEHICLE IND.</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145			
<b>PAINT/PIGMENT/COATING RESIDUES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213			
<b>PETROLEUM DISTILLATES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252			
<b>WASTE OILS &amp; LUBRICANTS</b>					
<b>4</b>	<b>7 of 24</b>	<b>W/147.7</b>	<b>163.0 / 18.87</b>	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> <b>9514 MONTROSE ROAD</b> <b>NIAGARA FALLS ON LOS 1K0</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON1835800 02,03,04,05,06,07,08			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>MOTOR VEHICLE IND.</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		251			
<b>OIL SKIMMINGS &amp; SLUDGES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		145			
<b>PAINT/PIGMENT/COATING RESIDUES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213			
<b>PETROLEUM DISTILLATES</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252			
<b>WASTE OILS &amp; LUBRICANTS</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<a href="#">4</a>	8 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
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<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2009	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	General Freight Trucking Local		

**Detail(s)**

<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

<a href="#">4</a>	9 of 24	W/147.7	163.0 / 18.87	<b>9514 Montrose Road Niagara Falls ON</b>	<b>EHS</b>
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<b>Order No:</b>	20130206001	<b>Nearest Intersection:</b>	
<b>Status:</b>	C	<b>Municipality:</b>	Niagara Falls
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-FEB-13	<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	06-FEB-13	<b>X:</b>	-79.122103
<b>Previous Site Name:</b>		<b>Y:</b>	43.03993
<b>Lot/Building Size:</b>			
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans		

<a href="#">4</a>	10 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
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<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	
<b>Approval Years:</b>	2010	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	General Freight Trucking Local		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<u>4</u>	11 of 24	W/147.7	163.0 / 18.87	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<u>4</u>	12 of 24	W/147.7	163.0 / 18.87	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			

<b><u>4</u></b>	<b>13 of 24</b>	<b>W/147.7</b>	<b>163.0 / 18.87</b>	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<b><u>4</u></b>	<b>14 of 24</b>	<b>W/147.7</b>	<b>163.0 / 18.87</b>	<b>Crown Transportation Group Limited 9514 Montrose Road Niagara Falls ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		GENERAL FREIGHT TRUCKING, LOCAL			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<u>4</u>	15 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

<u>4</u>	16 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			

<u>4</u>	17 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

**Detail(s)**

<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

<u>4</u>	18 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

**Detail(s)**

<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<u>4</u>	19 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	221				
<b>Waste Class Desc:</b>	LIGHT FUELS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<u>4</u>	20 of 24	W/147.7	163.0 / 18.87	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<u>4</u>	21 of 24	W/147.7	163.0 / 18.87	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Generator No:</b> ON1835800  <b>Status:</b> Registered  <b>Approval Years:</b> As of Jun 2018  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b>  <b>SIC Description:</b></p> <p><b>PO Box No:</b>  <b>Country:</b> Canada  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 221 L					
<b>Waste Class Desc:</b> Light fuels					
<b>Waste Class:</b> 213 L					
<b>Waste Class Desc:</b> Petroleum distillates					
<b>Waste Class:</b> 213 I					
<b>Waste Class Desc:</b> Petroleum distillates					
<b>Waste Class:</b> 252 L					
<b>Waste Class Desc:</b> Waste crankcase oils and lubricants					
<b>Waste Class:</b> 212 L					
<b>Waste Class Desc:</b> Aliphatic solvents and residues					
<b>Waste Class:</b> 251 L					
<b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<a href="#">4</a>	22 of 24	W/147.7	163.0 / 18.87	9514 Montrose Rd Niagara Falls ON L0S1K0	EHS
<p><b>Order No:</b> 20161025104  <b>Status:</b> C  <b>Report Type:</b> Standard Report  <b>Report Date:</b> 01-NOV-16  <b>Date Received:</b> 25-OCT-16  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b>  <b>Additional Info Ordered:</b></p> <p><b>Nearest Intersection:</b>  <b>Municipality:</b>  <b>Client Prov/State:</b> ON  <b>Search Radius (km):</b> .25  <b>X:</b> -79.122057  <b>Y:</b> 43.040033</p>					
<a href="#">4</a>	23 of 24	W/147.7	163.0 / 18.87	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<p><b>Generator No:</b> ON9462571  <b>Status:</b> Registered  <b>Approval Years:</b> As of Dec 2018  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b>  <b>SIC Description:</b></p> <p><b>PO Box No:</b>  <b>Country:</b> Canada  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 251 L					
<b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<b>Waste Class:</b> 253 L					
<b>Waste Class Desc:</b> Emulsified oils					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>4</u>	24 of 24	W/147.7	163.0 / 18.87	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>		ON9462571	<b>PO Box No:</b>		
<b>Status:</b>		Registered	<b>Country:</b> Canada		
<b>Approval Years:</b>		As of Oct 2019	<b>Choice of Contact:</b>		
<b>Contam. Facility:</b>			<b>Co Admin:</b>		
<b>MHSW Facility:</b>			<b>Phone No Admin:</b>		
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		253 L			
<b>Waste Class Desc:</b>		Emulsified oils			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			

<u>5</u>	1 of 1	WSW/220.5	172.5 / 28.29	lot 10 ON	WWIS
<b>Well ID:</b>		6602673	<b>Data Entry Status:</b>		
<b>Construction Date:</b>			<b>Data Src:</b> 1		
<b>Primary Water Use:</b>		Domestic	<b>Date Received:</b> 8/8/1972		
<b>Sec. Water Use:</b>		0	<b>Selected Flag:</b> Yes		
<b>Final Well Status:</b>		Water Supply	<b>Abandonment Rec:</b>		
<b>Water Type:</b>			<b>Contractor:</b> 3608		
<b>Casing Material:</b>			<b>Form Version:</b> 1		
<b>Audit No:</b>			<b>Owner:</b>		
<b>Tag:</b>			<b>Street Name:</b>		
<b>Construction Method:</b>			<b>County:</b> NIAGARA (WELLAND)		
<b>Elevation (m):</b>			<b>Municipality:</b> NIAGARA FALLS CITY (WILLOUGHBY)		
<b>Elevation Reliability:</b>			<b>Site Info:</b>		
<b>Depth to Bedrock:</b>			<b>Lot:</b> 010		
<b>Well Depth:</b>			<b>Concession:</b>		
<b>Overburden/Bedrock:</b>			<b>Concession Name:</b> BF WR		
<b>Pump Rate:</b>			<b>Easting NAD83:</b>		
<b>Static Water Level:</b>			<b>Northing NAD83:</b>		
<b>Flowing (Y/N):</b>			<b>Zone:</b>		
<b>Flow Rate:</b>			<b>UTM Reliability:</b>		
<b>Clear/Cloudy:</b>					

**Bore Hole Information**

<b>Bore Hole ID:</b>		10462400	<b>Elevation:</b> 175.578491		
<b>DP2BR:</b>		79	<b>Elevrc:</b>		
<b>Spatial Status:</b>			<b>Zone:</b> 17		
<b>Code OB:</b>		r	<b>East83:</b> 652934.9		
<b>Code OB Desc:</b>		Bedrock	<b>North83:</b> 4766973		
<b>Open Hole:</b>			<b>Org CS:</b>		
<b>Cluster Kind:</b>			<b>UTMRC:</b> 4		
<b>Date Completed:</b>		7/17/1972	<b>UTMRC Desc:</b> margin of error : 30 m - 100 m		
<b>Remarks:</b>			<b>Location Method:</b> p4		
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595886		
<b>Layer:</b>			3		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			11		
<b>Other Materials:</b>			GRAVEL		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			77		
<b>Formation End Depth:</b>			79		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595885		
<b>Layer:</b>			2		
<b>Color:</b>			7		
<b>General Color:</b>			RED		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>			06		
<b>Other Materials:</b>			SILT		
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			15		
<b>Formation End Depth:</b>			77		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595884		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			15		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932595887		
<b>Layer:</b>			4		
<b>Color:</b>			2		
<b>General Color:</b>			GREY		
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Other Materials:</b>					
<b>Mat3:</b>					
<b>Other Materials:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		82			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>					
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010970			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751312			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		79			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751313			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		82			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602673			
<b>Pump Set At:</b>					
<b>Static Level:</b>		23			
<b>Final Level After Pumping:</b>		45			
<b>Recommended Pump Depth:</b>		75			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		N			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934609159			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934341801			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934863383			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935128156			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949992			
<b>Layer:</b>		1			
<b>Kind Code:</b>		3			
<b>Kind:</b>		SULPHUR			
<b>Water Found Depth:</b>		81			
<b>Water Found Depth UOM:</b>		ft			

# Unplottable Summary

Total: **37** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con BF	Niagara Falls - Willoughby ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	LOT 1, STANFORD, STATION #2	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1/BROKEN FRONTAGE	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1/BROKEN FRONTAGE	NIAGARA FALLS CITY ON	
CA		Part Township Lot 223 & 224, Chippawa Parkway	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Montrose Road, Lots 70 and 71	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Montrose Road	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Dorchester Road	Niagara Falls ON	
CA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	DORCHESTER RD. SEWAGE P.S.	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	LOT 1, BROKEN FRONTAGE	NIAGARA FALLS ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1, BF., STAMFORD TWP.	NIAGARA FALLS ON	



CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	M. CARLUCCIO HUNTER HEIGHTS SUBD.	DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY O'NEIL ST.	DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	M. CARLUCCIO HUNTER HEIGHTS SUBD.	E. OF DORCHESTER RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CONV	Lafarge Canada Inc.	Montrose Road	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Dorchester Rd	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	
EHS		Montrose Road	Niagara Falls ON	
GEN	ONTARIO HYDRO	PUMP GENERATING STATION LOT 1	NIAGARA FALLS ON	
GEN	ONTARIO POWER GENERATION	PUMP GENERATING STATION LOT 1	NIAGARA FALLS ON	
SCT	MORNINGSTAR LUMBER LIMITED	MONTROSE RD	NIAGARA FALLS ON	L2H
SPL	PUC	DORCHESTER RD PUMPING STATION TO HYDRO CANAL PUMPING STATION INVALID SITE ENTRY - PLEASE USE ANOTHER	NIAGARA FALLS CITY ON	
SPL	TRANSPORT TRUCK	DORCHESTER RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SPL	TRANSCANADA PIPELINES	QEW HIGHWAY, AT LYON'S CREEK	WELLAND CITY ON	
SPL	TRANSPORT TRUCK	ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SPL	NIAGARA, REGIONAL MUNICIPALITY	NIAGARA RIVER FROM DORCHESTER RD. PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION	NIAGARA FALLS CITY ON	
WWIS		lot 9	ON	
WWIS		lot 9	ON	

# Unplottable Report

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**Site:** Lot 1 Con BF Niagara Falls - Willoughby ON

**Database:**  
AAGR

**Type:** Pit  
**Region/County:** Niagara  
**Township:** Niagara Falls - Willoughby  
**Concession:** BF  
**Lot:** 1  
**Size (ha):** 3  
**Landuse:**  
**Comments:** pond

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**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
LOT 1, STANFORD, STATION #2 NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 4-0065-97-  
**Application Year:** 97  
**Issue Date:** 7/21/1997  
**Approval Type:** Industrial wastewater  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** OIL CONTAINMENT SYSTEM  
**Contaminants:**  
**Emission Control:**

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1/BROKEN FRONTAGE NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2307-95-006  
**Application Year:** 95  
**Issue Date:** 10/2/95  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** 11) NEDERMAN FLEXIBLE HOSES & FANS  
**Contaminants:**  
**Emission Control:** No Controls

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**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1/BROKEN FRONTAGE NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2312-95-966  
**Application Year:** 95  
**Issue Date:** 1/12/96  
**Approval Type:** Industrial air  
**Status:** Received in 1995, Issued in 1996  
**Application Type:**

**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** (6) VENTS FOR WELDING OPERATIONS  
**Contaminants:** Suspended Particulate Matter  
**Emission Control:** Panel Filter

---

**Site:** Part Township Lot 223 & 224, Chippawa Parkway Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6210-4HLKUN  
**Application Year:** 00  
**Issue Date:** 3/22/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of watermains on Reilly Street from Front Street to Chippawa Parkway  
**Contaminants:**  
**Emission Control:**

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**Site:** Montrose Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 3874-4KUSJZ  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of 610m of 300m diameter PVC watermain to replace 150mm and 200mm D watermain (including appurtenances). Installation of the watermain along Montrose Road (from Industrial Street to Chorozy Street).  
**Contaminants:**  
**Emission Control:**

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**Site:** Montrose Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 7074-4KPQZX  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, PO Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** Storm Sewers  
**Contaminants:**  
**Emission Control:**

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**Site:** Montrose Road, Lots 70 and 71 Niagara Falls ON

**Database:**  
CA

**Certificate #:** 8086-4Z8RU2  
**Application Year:** 01  
**Issue Date:** 8/3/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** This application is for the construction of storm sewers on Montrose Road due to road and drainage improvements in the City of Niagara Falls.  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls  
Montrose Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 3382-6V5RB3  
**Application Year:** 2006  
**Issue Date:** 11/9/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls  
Dorchester Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 6016-6R7PDN  
**Application Year:** 2006  
**Issue Date:** 7/20/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** *The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 6146-7RLK55  
**Application Year:** 2009  
**Issue Date:** 5/1/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**

**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1388-86-  
**Application Year:** 86  
**Issue Date:** 11/24/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1394-86-  
**Application Year:** 86  
**Issue Date:** 9/11/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF NIAGARA  
DORCHESTER RD. SEWAGE P.S. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2289-95-  
**Application Year:** 95  
**Issue Date:** 9/18/1995  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** EMERGENCY GENERATOR FOR SEWAGE PUMP STA.  
**Contaminants:** Nitrogen Oxides  
**Emission Control:** No Controls

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
LOT 1, BROKEN FRONTAGE NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2006-98-  
**Application Year:** 98  
**Issue Date:** 2/27/1998  
**Approval Type:** Industrial air  
**Status:** Approved

**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** STANDBY BLACK START DIESEL GENERATOR  
**Contaminants:** Nitrogen Oxides  
**Emission Control:** No Controls

---

**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1, BF., STAMFORD TWP. NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2307-95-  
**Application Year:** 95  
**Issue Date:** //  
**Approval Type:** Industrial air  
**Status:** RE1  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** OVEN FOR MACHINE SHOP, AMEND C OF A  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0809-86-  
**Application Year:** 86  
**Issue Date:** 7/22/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** M. CARLUCCIO HUNTER HEIGHTS SUBD.  
DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1203-89-  
**Application Year:** 89  
**Issue Date:** 7/28/1989  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY O'NEIL ST.  
DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0743-88-  
**Application Year:** 88  
**Issue Date:** 6/14/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0691-86-  
**Application Year:** 86  
**Issue Date:** 7/4/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** R.M. OF NIAGARA  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0664-86-  
**Application Year:** 86  
**Issue Date:** 6/27/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** M. CARLUCCIO HUNTER HEIGHTS SUBD.  
E. OF DORCHESTER RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1459-89-  
**Application Year:** 89  
**Issue Date:** 7/28/1989  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**

**Emission Control:**

---

**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0950-88-  
**Application Year:** 88  
**Issue Date:** 7/7/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** Lafarge Canada Inc.  
Montrose Road Niagara Falls ON

**Database:**  
CONV

**File No:** **Location:** St. Catharines  
**Crown Brief No:** **Region:**  
**Court Location:** **Ministry District:**  
**Publication City:**  
**Publication Title:** Ready-Mix Concrete Company fined \$50,000 for Failing to Notify Ministry of a Spill  
**Act:** Environmental Protection Act (EPA)  
**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**

**Description:**

Lafarge Canada Inc., was convicted of one offence under the Environmental Protection Act (EPA), and was fined \$50,000 plus a victim fine surcharge (VFS) of \$12,500 with 90 days to pay. A Section 190 Court Order was also issued by the court to Lafarge, which requires the company to install abatement technology on Silo #2 at its Niagara Falls facility, as a preventative measure.

**Background:**

The conviction relates to failing to notify the ministry of a spill of a pollutant to the natural environment, namely slag particulate

Lafarge Canada Inc. operates as a ready-mix concrete batching plant, located on Montrose Road in Niagara Falls.

On July 23, 2014, the ministry received a report from a residential neighbour that his property and vehicle were covered in a fine white particulate.

Ministry staff responded, observed the white particulate, and took photographs and samples of the material for testing an analysis.

During the inspection, it was observed that the Lafarge site was adjacent to the impacted property.

Ministry staff investigated with Lafarge and were informed that the company had received a load of slag cement earlier that day, and that when the load was being filled into the silo, the silo was overfilled resulting in a release of particles of cement slag.

The ministry officer informed Lafarge that a neighboring property had been impacted; Lafarge agreed to contact the neighbour and clean the property.

Samples from both Lafarge and the adjacent property contained glassy calcium silicate slag.

The incidents were referred to the ministry's Investigations and Enforcement Branch, resulting in charges and one conviction.  
<https://news.ontario.ca/ene/en/2017/11/ready-mix-concrete-company-fined-50000-for-failing-to-notify-ministry-of-a-spill.html>

**URL:**

**Additional Details**

**Publication Date:** November 27, 2017 10:00 A.M.



**Count:**  
**Act:**  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:**  
**Date of Offence:** July 23, 2014  
**Date of Conviction:** November 22, 2017  
**Date Charged:**  
**Charge Disposition:**  
**Fine:** \$50,000  
**Synopsis:**

---

**Site:** **The Corporation of the City of Niagara Falls**  
**Dorchester Rd Niagara Falls ON L2E 6X5**

**Database:**  
**ECA**

**Approval No:** 2392-6R7P26  
**Approval Date:** 2006-07-20  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Dorchester Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** **The Corporation of the City of Niagara Falls**  
**Montrose Rd Niagara Falls ON**

**Database:**  
**ECA**

**Approval No:** 3874-4KUSJZ  
**Approval Date:** 2000-06-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** **Montrose Road Niagara Falls ON**

**Database:**  
**EHS**

**Order No:** 20130321024  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 28-MAR-13  
**Date Received:** 21-MAR-13  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** 0  
**Y:** 0

---

**Site:** **ONTARIO HYDRO**  
**PUMP GENERATING STATION LOT 1 NIAGARA FALLS ON**

**Database:**  
**GEN**

**Generator No:** ON0490137  
**Status:**  
**Approval Years:** 95,96,97,98,99  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4911

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**SIC Description:** ELECT. POWER SYS.

**Detail(s)**

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 243  
**Waste Class Desc:** PCB'S

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

**Waste Class:** 241  
**Waste Class Desc:** HALOGENATED SOLVENTS

**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES

**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS

---

**Site:** ONTARIO POWER GENERATION  
PUMP GENERATING STATION LOT 1 NIAGARA FALLS ON

**Database:**  
GEN

**Generator No:** ON0490137  
**Status:**  
**Approval Years:** 00,01  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:** 4911  
**SIC Description:** ELECT. POWER SYS.

**PO Box No:**  
**Country:**  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 121  
**Waste Class Desc:** ALKALINE WASTES - HEAVY METALS

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

**Waste Class:** 146  
**Waste Class Desc:** OTHER SPECIFIED INORGANICS

**Waste Class:** 148  
**Waste Class Desc:** INORGANIC LABORATORY CHEMICALS

**Waste Class:** 211  
**Waste Class Desc:** AROMATIC SOLVENTS

**Waste Class:** 212  
**Waste Class Desc:** ALIPHATIC SOLVENTS

**Waste Class:** 213  
**Waste Class Desc:** PETROLEUM DISTILLATES

**Waste Class:** 241

**Waste Class Desc:** HALOGENATED SOLVENTS  
**Waste Class:** 243  
**Waste Class Desc:** PCB'S  
**Waste Class:** 251  
**Waste Class Desc:** OIL SKIMMINGS & SLUDGES  
**Waste Class:** 252  
**Waste Class Desc:** WASTE OILS & LUBRICANTS  
**Waste Class:** 263  
**Waste Class Desc:** ORGANIC LABORATORY CHEMICALS

---

**Site:** **MORNINGSTAR LUMBER LIMITED**  
**MONTROSE RD NIAGARA FALLS ON L2H**

**Database:**  
**SCT**

**Established:** 0000  
**Plant Size (ft²):** 1400  
**Employment:** 1

**--Details--**

**Description:** HARDWOOD DIMENSION AND FLOORING MILLS  
**SIC/NAICS Code:** 2426

**Description:** Other Millwork  
**SIC/NAICS Code:** 321919

---

**Site:** **PUC**  
**DORCHESTER RD PUMPING STATION TO HYDRO CANAL PUMPING STATION INVALID SITE ENTRY - PLEASE**  
**USE ANOTHER NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 66178  
**Site No:**  
**Incident Dt:** 1/17/1992  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Environment Impact:** POSSIBLE  
**Nature of Impact:** Surface Water Pollution  
**Receiving Medium:** WATER

**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/17/1992  
**Dt Document Closed:**

**Incident Reason:** POWER INTERRUPTION

**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:**  
**Contaminant Qty:**

PUC - 40MIN RAW SEWAGE BYPASS TO HYDRO CANAL DUETO POWER FAILURE.

---

**Site:** **TRANSPORT TRUCK**  
**DORCHESTER RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS CITY ON**

**Database:**  
**SPL**

**Ref No:** 77769  
**Site No:**

**Discharger Report:**  
**Material Group:**

**Incident Dt:** 10/20/1992  
**Year:**  
**Incident Cause:** TRUCK/TRAILER OVERTURN  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** CONFIRMED  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 10/20/1992  
**Dt Document Closed:**  
**Incident Reason:** ADVERSE ROAD CONDITION  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** TRANSPORT TRUCK OVERTURN:10L HYDRAULIC FLUID LEAK TO GRAVEL  
**Contaminant Qty:**

**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** TRANSCANADA PIPELINES  
 QEW HIGHWAY, AT LYON'S CREEK WELLAND CITY ON

**Database:**  
 SPL

**Ref No:** 89364  
**Site No:**  
**Incident Dt:** 8/4/1993  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** NOT ANTICIPATED  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/4/1993  
**Dt Document Closed:**  
**Incident Reason:** OVERSTRESS/OVERPRESSURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** TRANSCANADA PIPELINES - DRILLING MUD TO QEW: HWY PARTIALLY CLOSED  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18104  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** TRANSPORT TRUCK  
 ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS  
 CITY ON

**Database:**  
 SPL

**Ref No:** 113009  
**Site No:**  
**Incident Dt:** 5/11/1995  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**

**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 5/11/1995  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** CRAGCO LTD. - 450 L OF DIESEL FUEL TO GROUND FROM TRANSPORT TRUCK.  
**Contaminant Qty:**

**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** MTO  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** NIAGARA, REGIONAL MUNICIPALITY  
 NIAGARA RIVER FROM DORCHESTER RD. PUMPING STATION SANITARY SEWER SYSTEM/PUMPING STATION  
 NIAGARA FALLS CITY ON

**Database:**  
 SPL

**Ref No:** 151496  
**Site No:**  
**Incident Dt:** 1/15/1998  
**Year:**  
**Incident Cause:** WASTEWATER DISCHARGE TO WATERCOURSE

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**

**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Water course or lake  
**Receiving Medium:** WATER  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 1/15/1998  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** NIAGARA REGION - SEWAGE BYPASSED TO NIAGARA R. DUE TO PUMP FAILURE.  
**Contaminant Qty:**

**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** lot 9 ON

**Database:**  
 WWIS

**Well ID:** 6604152  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 134468  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 11/22/1993  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 4795  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** WELLAND CITY (CROWLAND)  
**Site Info:**  
**Lot:** 009  
**Concession:**  
**Concession Name:**

Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10463749  
DP2BR: 82  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 7/12/1993  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 17  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932601407  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 79  
Other Materials: PACKED  
Mat3:  
Other Materials:  
Formation Top Depth: 0  
Formation End Depth: 30  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932601409  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 08  
Other Materials: FINE SAND  
Mat3: 29  
Other Materials: FINE GRAVEL  
Formation Top Depth: 44  
Formation End Depth: 54  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 932601413  
Layer: 7  
Color: 2  
General Color: GREY

**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 74  
**Other Materials:** LAYERED  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 82  
**Formation End Depth:** 86  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601412  
**Layer:** 6  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 29  
**Most Common Material:** FINE GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 75  
**Formation End Depth:** 82  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601410  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 29  
**Most Common Material:** FINE GRAVEL  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 54  
**Formation End Depth:** 67  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601411  
**Layer:** 5  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 31  
**Other Materials:** COARSE GRAVEL  
**Mat3:** 79  
**Other Materials:** PACKED  
**Formation Top Depth:** 67  
**Formation End Depth:** 75  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932601408

Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 79  
Other Materials: PACKED  
Mat3:  
Other Materials:  
Formation Top Depth: 30  
Formation End Depth: 44  
Formation End Depth UOM: ft

**Method of Construction & Well Use**

Method Construction ID:  
Method Construction Code: 1  
Method Construction: Cable Tool  
Other Method Construction:

**Pipe Information**

Pipe ID: 11012319  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930753345  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 83  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930753346  
Layer: 2  
Material: 4  
Open Hole or Material: OPEN HOLE  
Depth From:  
Depth To: 86  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996604152  
Pump Set At:  
Static Level: 16  
Final Level After Pumping: 54  
Recommended Pump Depth: 70  
Pumping Rate: 21  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 2



**Water State After Test:** CLOUDY  
**Pumping Test Method:** 2  
**Pumping Duration HR:** 2  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Draw Down & Recovery**

**Pump Test Detail ID:** 934866132  
**Test Type:** Recovery  
**Test Duration:** 45  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934344586  
**Test Type:** Recovery  
**Test Duration:** 15  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 935122131  
**Test Type:** Recovery  
**Test Duration:** 60  
**Test Level:** 24  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934611943  
**Test Type:** Recovery  
**Test Duration:** 30  
**Test Level:** 24  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933951509  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 86  
**Water Found Depth UOM:** ft

**Site:**  
lot 9 ON

**Database:**  
**WWIS**

**Well ID:** 6604045  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 093125  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 1/23/1992  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 2123  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** NIAGARA (WELLAND)  
**Municipality:** WELLAND CITY (CROWLAND)  
**Site Info:**  
**Lot:** 009  
**Concession:**

**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10463642  
**DP2BR:** 138  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 10/30/1991  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 17  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600919  
**Layer:** 5  
**Color:** 7  
**General Color:** RED  
**Mat1:** 26  
**Most Common Material:** ROCK  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 138  
**Formation End Depth:** 146  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600916  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 3  
**Formation End Depth:** 60  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932600915  
**Layer:** 1  
**Color:** 6

**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Other Materials:**  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 3  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932600917  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 60  
**Formation End Depth:** 95  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932600918  
**Layer:** 4  
**Color:** 7  
**General Color:** RED  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 11  
**Other Materials:** GRAVEL  
**Mat3:**  
**Other Materials:**  
**Formation Top Depth:** 95  
**Formation End Depth:** 138  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:**  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11012212  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930753214  
**Layer:** 1  
**Material:** 1

**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 146  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 996604045  
**Pump Set At:**  
**Static Level:** 52  
**Final Level After Pumping:** 140  
**Recommended Pump Depth:**  
**Pumping Rate:** 15  
**Flowing Rate:**  
**Recommended Pump Rate:** 10  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:**  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 30  
**Flowing:** N

**Water Details**

**Water ID:** 933951386  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 146  
**Water Found Depth UOM:** ft

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2019**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jan 31, 2020**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Chemical Register:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Feb 2020**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Dec 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Apr 30, 2020**

**Drill Hole Database:**

Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Apr 30, 2020**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jan 31, 2020**

**Environmental Issues Inventory System:**

Federal [EIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial [EMHE](#)

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial [EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019**

**List of Expired Fuels Safety Facilities:**

Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Federal Convictions:**

Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal FCS

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Apr 2020**

**Fisheries & Oceans Fuel Tanks:**

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal FRST

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Fuel Storage Tank - Historic:**

Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Jan 31, 2020**



**Greenhouse Gas Emissions from Large Facilities:**

Federal

GHG

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2017**

**TSSA Historic Incidents:**

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills will include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2020**

**National Analysis of Trends in Emergencies System (NATES):**

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date:** Dec 31, 2018

**National Defense & Canadian Forces Fuel Tanks:**

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date:** Up to May 2001\*

**National Defense & Canadian Forces Spills:**

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date:** Mar 1999-Apr 2018

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date:** 2001-Apr 2007\*

**National Energy Board Pipeline Incidents:**

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date:** 2008-Mar 31, 2020

**National Energy Board Wells:**

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date:** 1920-Feb 2003\*

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date:** 1974-2003\*

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date:** 1988-2008\*

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date:** 1993-May 2017

**Oil and Gas Wells:**

Private

[OGWE](#)

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Feb 29, 2020**

**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2019**

**Inventory of PCB Storage Sites:**

Provincial

[OPCB](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

[ORD](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Apr 30, 2020**

**Canadian Pulp and Paper:**

Private

[PAP](#)

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

[PCFT](#)

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial

[PES](#)

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: 1988 - Apr 2020**

**Pipeline Incidents:**

Provincial

[PINC](#)

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Private and Retail Fuel Storage Tanks:**

Provincial

[PRT](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial

[PTTW](#)

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Apr 30, 2020**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Mar 2020**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jan 31, 2020**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

**Government Publication Date: 1988-Nov 2019**

**Wastewater Discharger Registration Database:**

Provincial SRDS

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private TANK

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal TCFT

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Feb 28, 2017**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Apr 30, 2020**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Feb 28, 2019**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

**APPENDIX E**  
**QUALIFICATIONS OF THE ASSESSORS**



## QUALIFICATIONS OF THE ASSESSORS

### **Braedan Huras, B.Sc., EPt**

Environmental Technician

Mr. Braedan Huras is an Environmental Technician with experience conducting Phase One/I and Two/II Environmental Site Assessments (ESAs) for various clients. The Phase Two/II ESAs have included drilling, groundwater monitoring and sampling, and test pitting. He has been thoroughly trained to conduct Phase One/I Environmental Site Assessments (ESAs) in accordance with the Phase One/I ESA standards as defined by Ontario Regulation 153/04 and CAN/CSA Z768-01. Mr. Huras holds a B.Sc. (Hons.) in Integrated Science with a Concentration in Biology from McMaster University. He has a post graduate certificate in Environmental Management and Assessment from Niagara College, in addition, he is certified by Eco Canada as an Environmental Professional in Training.

### **Patrick Shriner, P.Geo.**

Associate, Environmental Geoscientist

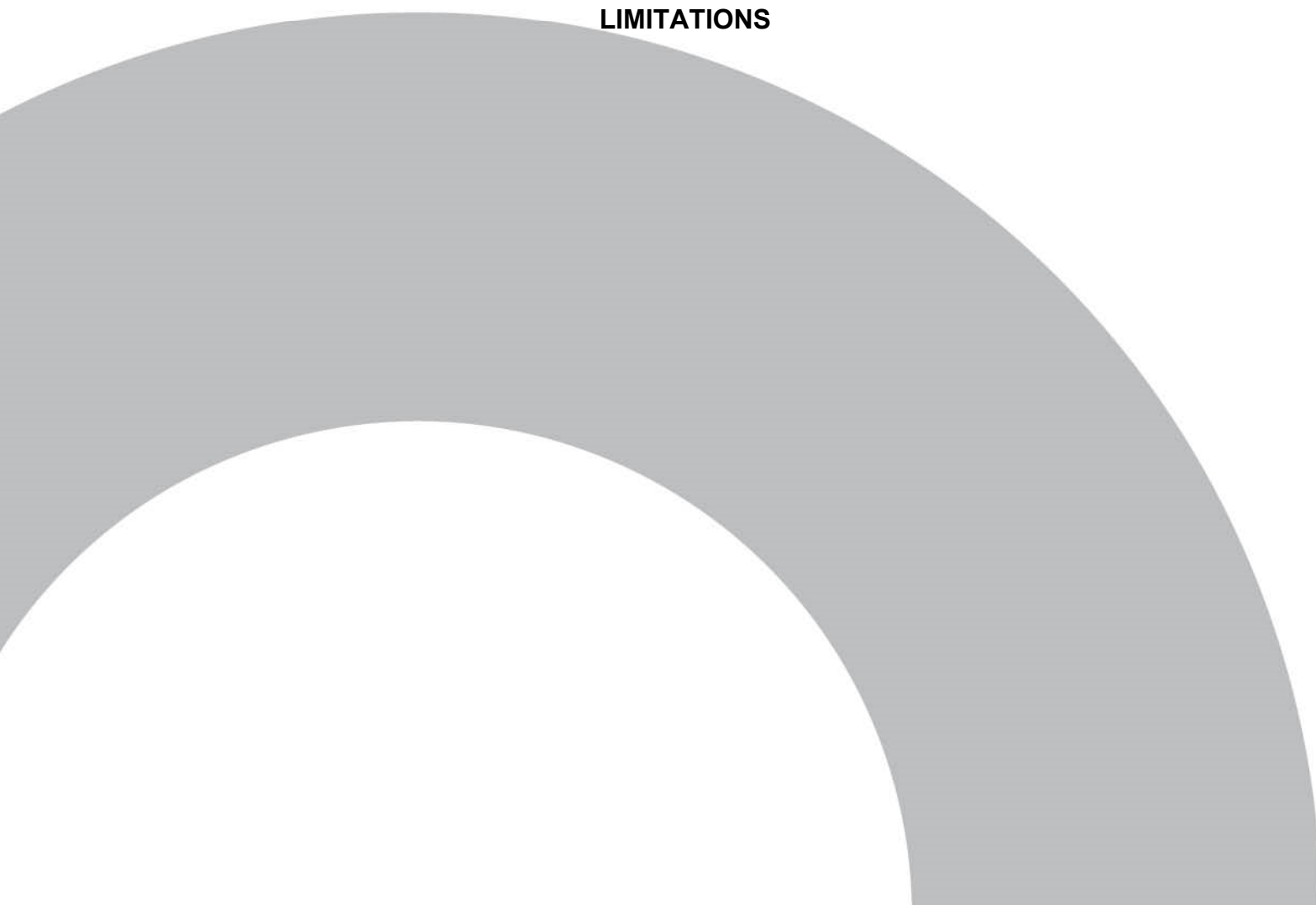
Mr. Shriner is an Associate Environmental Geoscientist in Wood's Niagara (St. Catharines/Thorold) office. Patrick has over 30 years of experience on a wide range of environmental and municipal projects including: environmental site assessment (ESA) and remediation; peer review, designated substances surveys, waste management; landfill investigations and monitoring; hydrogeological investigations; risk assessment and risk management. Patrick is responsible for senior review and Quality Assurance of environmental projects and proposals undertaken by the Niagara office as well as senior technical support for the design, implementation and management of ESAs, site remediation projects, Brownfields clean-up and redevelopment. Patrick has participated in over 750 Phase I ESAs undertaken on behalf of a variety of clients including commercial and industrial manufactures, municipal governments, financial institutions and legal firms. Patrick is a recognized Qualified Person (QP) for ESAs under Ontario Regulation 153/04 – Records of Site Condition (RSC) and has filed several RSCs for a variety of properties across Ontario.





**wood.**

**APPENDIX F**  
**LIMITATIONS**





## Limitations

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of the proposal (POESAM2040) and the Purchase Order #0000077835 as provided by the RMON dated June 15, 2020;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our Contract; and,
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the site and attendant structures. Our conclusions cannot and are not extended to include those portions of the site or structures which were not reasonably available, in Wood's opinion, for direct observation.
4. The environmental conditions at the site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on site and may be revealed by different of other testing not provided for in our contract.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, Wood must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of Wood's services during the implementation of any remedial measures will allow Wood to observe compliance with the conclusions and recommendations contained in the report. Wood's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.

9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information or conclusions in the report, is the sole responsibility of such third party. Wood accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of Wood.
11. Provided that the report is still reliable, and less than 12 months old, Wood will issue a third-party reliance letter to parties Client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on Wood's report, by such reliance agree to be bound by our proposal and Wood's standard reliance letter. Wood's standard reliance letter indicates that in no event shall Wood be liable for any damages, howsoever arising, relating to third-party reliance on Wood's report. No reliance by any party is permitted without such agreement.

# V3.4.4

REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

Phase 2 Environmental Site Assessment - Preferred WWTP Sites



**PHASE II ENVIRONMENTAL SITE ASSESSMENT  
PROPOSED SEWER ALIGNMENT &  
CONSTRUCTION SHAFTS FOR FUTURE  
WASTEWATER TREATMENT PLANT  
PORTIONS OF REIXINGER ROAD, MONTROSE  
ROAD, BROWN ROAD AND OAKWOOD DRIVE,  
NIAGARA FALLS, ONTARIO**

**Submitted to:**

**THE REGIONAL MUNICIPALITY OF NIAGARA  
1815 Sir Isaac Brock Way,  
P.O. Box 1042  
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**Submitted by:**

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**May 27, 2022**

**OESAM2008.6000**

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- Wood – 1 electronic copy.

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## 1.0 INTRODUCTION

Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited (Wood) was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase II Environmental Site Assessment (ESA) of the property referred to as the future Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario (the Site). The Site includes the following:

- Reixinger Road, from 6811 Reixinger Road to Montrose Road;
- Montrose Road, from Reixinger Road to south of Canadian Drive;
- Brown Road, from Montrose Road to Heartland Forest Road; and
- A section of land extending in a straight-line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSSL SPS) to south of Canadian Drive.

A key plan showing the location of the Site is provided on **Figure 1**.

At the time of the Phase II ESA, the Site was owned and maintained by the City of Niagara Falls (the City) and the RMON, depending on the section of roadway. The RMON partially owns and maintains (with Ontario Power Generation; OPG) the property at 7606 Oakwood Drive, Niagara Falls. **Figure 1** illustrates the lot configuration of the Site. The Client intends on installing a new sanitary sewer alignment and construction shafts at the Site.

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site. Prior to this Phase II ESA, Wood completed a Phase I ESA for the Client. The report, titled "*Phase I Environmental Site Assessment, Proposed Sewer Alignment & Construction Shafts for Future Wastewater Treatment Plant, Portions of Reixinger Road, Montrose Road, Brown Road and Oakwood Drive, Niagara Falls, Ontario*" and dated February 8, 2021 (2021 Phase I ESA), was provided to the Client under separate cover.

### 1.1 Background

The following is a summary of information obtained during the 2021 Phase I ESA:



*The Site is an irregular-shaped property, approximately 5.2 kilometres (km) in length. The Site was primarily flat, except for slopes down towards ditches on either side of the roadway. The surface of the Site consisted mainly of asphalt and gravel, with some grass and vegetation between 7606 Oakwood Drive and Montrose Road. The Queen Elizabeth Way highway (QEW) crosses the Site at Reixinger Road as well as the northern portion of the Site. The surface of the Site was primarily asphalted roadway.*

*Based on a review of the available information sources, the majority of properties surrounding the Site were agricultural/vacant until prior to 1954, when development of industrial/commercial/residential properties began in the area of the Site. A railway (industrial land use) has been present since prior to 1934 and crosses Montrose Road just south of the Welland River.*

*Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represent potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) on the Site:*

- *7606 Oakwood Drive was found to have a diesel fuel aboveground fuel storage tank (AST) and transformer on-Site, and was also listed in a Technical Memorandum completed in February of 2020 by Golder Associates, provided to Wood by the Client, as having registered fuel storage tanks and has been a registered hazardous waste generator for liquid fuels and polychlorinated biphenyls (PCBs);*
- *The presence of a diesel fuel AST at 8108 Heartland Forest Road;*
- *The presence of a liquid fuel AST at 7770 Canadian Drive;*
- *The industrial land use (railway) that crosses Montrose Road; and*
- *Commercial/industrial properties located on the west side of Montrose Road, most notably 9514 (including a spill of diesel fuel), 9127, and 8485 Montrose Road.*

The PCAs and APECs are summarized in the following table:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	On-Site	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and BTEX	Ground Water
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	Off-Site	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water

<b>Area of Potential Environmental Concern (APEC)</b>	<b>Location of APEC on Site</b>	<b>Potentially Contaminating Activity*</b>	<b>Location of PCA</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted</b>
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	On-Site	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	Off-Site	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
<p>*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of <i>O. Reg. 153/04</i> as amended, where applicable.</p> <p>PHCs – Petroleum Hydrocarbons                      BTEX – Benzene, Toluene, Ethylbenzene, Xylenes</p> <p>PCBs – Polychlorinated Biphenyls                      PAHs – Polycyclic Aromatic Hydrocarbons</p> <p>VOCs – Volatile Organic Compounds                      EC – Electrical Conductivity</p> <p>SAR – Sodium Adsorption Ratio                      As – Arsenic</p> <p>Sb – Antimony                      Se - Selenium</p>					

A Phase II ESA was recommended to address the above-noted areas of potential environmental concern.

## 1.2 Objective and Scope of Work

Wood’s scope of work for the Investigation included the sampling of soil from eleven drilled boreholes and the installation of two ground water monitoring wells (with associated soil and ground water sampling and analytical programs) in an effort to determine Site characteristics and contaminants of potential concern (COPCs) including, metals, including hydrides, inorganics, including pH, EC and SAR, fractionized PHCs in the F1-F4 ranges, VOCs/BTEX, PAHs and PCBs.

As this work is not being completed to support a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*), as amended, all work completed under this project was performed in general accordance with standard engineering practices and the following documents:

- Ministry of the Environment (MOE) document entitled “*Guide for Completing Phase Two Environmental Site Assessments under Ontario Regulation 153/04*” dated June 2011;

- Ministry of the Environment and Energy (MOEE) document entitled “*Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario*”, dated December 1996;
- MOE document entitled “*Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*” issued by the Laboratory Services Branch of the MOE and dated March 9, 2004, amended as of July 1, 2011 (Analytical Protocol); and
- All analytical results were compared to the appropriate standards identified in the MOE (now known as the Ministry of the Environment, Conservation and Parks [MECP]) document entitled; “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*” dated April 15, 2011 (MOE SCS).

All work completed during the Investigation was carried out in accordance with the Terms of Reference as provided in the Client’s RFQ (2020-Q-65), Wood’s proposal (POESAM2040) and authorized by the Client on June 18, 2020. It must be noted that the scope of work completed by Wood, as part of this assessment, may not be sufficient (in and of itself) to meet the reporting requirements for the submission of an RSC in accordance with *O. Reg. 153/04*, as amended. If an RSC is an intended product of work conducted at the Site, further consultation and/or work is required.

## 2.0 WORK PROGRAM AND METHODOLOGY

This section describes the methods used during this subsurface investigation work, including all drilling, and soil and ground water sampling activities. Laboratory quality assurance/quality control (QA/QC) procedures are also discussed.

Borehole drilling, soil sampling and ground water monitoring and sampling activities were undertaken between December 2, 2020 and May 13, 2022.

All borehole and monitoring well locations in the investigation area are illustrated on **Figure 1**. The sample locations selected to address the APECs identified during the Phase I ESA (refer to Section 1.1).

The borehole drilling, and soil and ground water sampling procedures used are detailed below.

### 2.1 Subsurface Investigations and Soil Sampling

#### 2.1.1 Borehole Drilling and Soil Sampling

The borehole drilling for this project was coordinated with a Geotechnical Investigation underway concurrently for the same project. The Client retained WSP for the Geotechnical Investigation, and the drilling subcontractor, Ponthil Drilling Services Inc. (Ponthil), of Mount Albert, Ontario (MECP License Number 7383/7644) was retained by WSP. Subsurface utility locates were completed by WSP prior to drilling. All borehole drilling was completed by Ponthil, using a CME-75 truck-mounted drill rig, on various days between December 2 and 23, 2020.

All boreholes were drilled under the supervision of WSP. Wood attended the drilling during drilling of the boreholes indicated in the following table. It is noted that many of the boreholes extended well beyond these depths for the purposes of the Geotechnical Investigation, however, Wood was not present for this additional drilling.

<b>Borehole ID</b>	<b>Address of APEC/PCA</b>	<b>Contaminants of Potential Concern</b>	<b>Monitoring Well Install</b>	<b>Maximum Depth of Sampling</b>
BH-02	APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Metals including hydrides EC, SAR, pH PHCs and BTEX	-	4 m
BH-03	APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Metals including hydrides EC, SAR, pH PHCs and VOCs	Yes (BH-P02)	4/5 m
BH-04, BH-05 and BH-06	Montrose Road – General Site Characterization	Metals Including hydrides EC, SAR, pH	-	3 m
BH-07	APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs (9127 Montrose Road)	Metals Including hydrides EC, SAR, pH PHCs and VOCs PCBs PAHs	-	4 m
BH-07	APEC-5: Railway crossing Montrose Road, between Grassy Brook Road and 8891 Montrose Road			
BH-07 and BH-09	APEC-3: Spill of Diesel Fuel (Montrose Road between Reixinger Road and the Welland River)	PHCs and BTEX	-	4 m
BH-08	North Side of Reixinger Road – Auto Wrecking Yard	Metals including hydrides EC, SAR, pH PHCs and VOCs	-	4 m

Borehole ID	Address of APEC/PCA	Contaminants of Potential Concern	Monitoring Well Install	Maximum Depth of Sampling
BH-P01	APEC-1 (diesel AST) and APEC-2 (transformer) at 7606 Oakwood Drive (High Lift Pump Station)	Metals Including hydrides EC, SAR, pH PHCs and BTEX PCBs	Yes	4 m
BH-P03	APEC-6: chemical and pharmaceutical research company at 8485 Montrose Road	Metals Including hydrides EC, SAR, pH	-	5 m

Split spoon samples (0.6 m in length) were obtained at 0.8 m intervals during borehole advancement through at least the upper 6 m of each borehole. Soil cuttings generated during the investigation were left on-Site in the vicinity of each borehole or were placed in drums, at the direction of WSP.

The locations of the boreholes are shown on **Figure 1**.

Details of the borehole drilling are provided in the borehole logs in **Appendix A** (WSP logs for BH-02 to BH-09, and Wood logs for BH-P01 to BH-P03).

### 2.1.2 Field Screening Measurements

All soil samples were screened in the field for gross evidence of negative environmental impact including staining and odours. Soil sample headspace screening was also performed for the samples collected during drilling, to facilitate sample selections for laboratory analysis and to provide an assessment of the vertical contaminant distributions at each location. The duplicate soil sample fractions were screened for combustible organic vapour (COV) and total organic vapour (TOV) concentrations using the sample headspace method. COV and TOV concentrations were measured using an RKI EAGLE 2™ combustible vapour analyzer equipped with dual sensors and calibrated to known hexane and isobutylene standards and operated in methane elimination mode. The RKI EAGLE 2™ can detect 0-11,000 parts per million (ppm) and 0-100 % Lower Explosive



Limit (LEL) with an accuracy of  $\pm 5\%$  and the calibration standard is Hexane. The equipment is calibrated every day prior to the commencement of fieldwork.

The TOV/COV screening measures the cumulative organic/combustible vapour present within sample headspace. TOV/COV results are semi-quantitative at best and are generally only used for relative sample comparison purposes when selecting samples from individual boreholes for laboratory analysis.

The soil vapour concentrations are included in the borehole logs in Section 3.2.2.

### 2.1.3 Sample Logging and Handling

The soil samples retrieved during the field investigations were examined, classified, and logged per soil type, moisture content, colour, consistency, and presence of visual and/or olfactory indicators of negative impact.

All soil samples were collected in accordance with strict environmental sampling protocols to minimize loss of volatile organics and to ensure reliable and representative results. All soil sampling equipment was thoroughly decontaminated between soil sample locations to prevent potential cross-contamination. Decontamination activities included:

- Physical removal of any adhered debris;
- Wash/scrub in “Alconox” soap solution;
- Distilled water rinse; and
- Methanol rinse/air drying.

Soil samples collected during the drilling investigation were split into duplicate fractions upon recovery. The primary sample fractions were placed into glass jars with Teflon-lined lids supplied by the laboratory (no preservative). At sample locations which were potentially to be submitted for analysis for PHC F1 and BTEX, an Eze-Core Soil Sampler was used to obtain a 5 gram sample, which was then transferred into a 40 millilitre (mL) vial preserved with methanol. The samplers and vials were also provided by the laboratory. Each sample was labeled using a unique identifier (borehole of origin and depth interval below grade). All samples were subsequently stored in coolers on ice for future potential laboratory analysis.

The duplicate sample fractions were placed in resealable plastic sample bags for the purposes of field screening of TOV/COV.

All laboratory chemical analyses were conducted by Paracel Laboratories Limited (Paracel), an ISO 17025-accredited laboratory located in Ottawa, Ontario.

The criteria for the selection of soil samples for laboratory analysis were based on visual/olfactory observations and TOV/COV readings. The soil samples were submitted for pH determination, and analysis of metals including hydrides, inorganics, including pH, EC and SAR, PHCs, VOCs/BTEX, PAHs and PCBs. The specific borehole/monitoring well locations and depth intervals of samples selected for analysis and the parameters they were submitted for are included in the Tables appendix at the end of this report.

## 2.2 Monitoring Well Purging and Sampling

Two ground water monitoring wells were installed for environmental sampling purposes, at borehole locations BH-P01 and BH-P02. The locations selected for these monitoring wells represented the areas on the Site with the highest potential for ground water impact.

The monitoring wells were constructed using 40-millimetre (mm) diameter, schedule 40, flush-joint threaded PVC monitoring well supplies. The wells were completed with a 3.05 m length of #10 mill slotted intake screen. The top of the intake screen was then extended just below the ground surface using solid riser pipe. A silica sand filter pack was placed between the intake screen and the wall of the borehole. The filter pack was extended approximately 0.3 m above the top of the well screen. A bentonite seal was placed above the sand pack to surface. The wells were completed with flush mounted casings. Details of the monitoring well construction are included in the borehole logs in **Appendix A**.

Ground water monitoring wells BH-P01 and BH-P02 were instrumented with dedicated Waterra™ foot valve inertial pumps fitted with polyethylene tubing to facilitate well development. The newly installed wells were developed on January 7, 2021 by purging three well volumes using dedicated instrumentation (i.e., foot valve and tubing). The monitoring wells were subsequently purged using low flow sampling techniques on January 13, 2021 until various parameters (including pH, conductivity and temperature) had reached stabilization criteria. During development and purging, an oil/water interface meter was used to measure potential accumulations of Light Non-Aqueous Phase Liquids (LNAPL) or Dense Non-Aqueous Phase Liquids (DNAPL), and ground water levels in the well. Both monitoring wells were purged and monitored again on May 13, 2022.

Following monitoring and purging activities, Wood collected a ground water sample from BH-P01 and BH-P02 into labelled, laboratory-provided containers using the low flow

sampling system with dedicated instrumentation. The samples were stored in a cooler on ice after collection and during transportation to the laboratory where they were delivered under continuous Chain of Custody documentation. The sampling methodology including jar, bottle and preservative requirements followed the Analytical Protocol.

The representative ground water samples collected during the investigation were submitted for laboratory analysis of metals, PHCs and/or VOCs. All laboratory chemical analyses were conducted by Paracel.

### 3.0 RESULTS OF THE FIELD INVESTIGATION

#### 3.1 Site Geology

The subsurface conditions encountered at the Site are described in the borehole logs provided in **Appendix A**.

The surficial conditions encountered at the Site were variable between borehole locations. In general, the surficial conditions encountered at the Site during the borehole drilling program consisted of layer of asphalt and granular fill (or topsoil in unpaved areas) over native, undisturbed silty clay. Silty clay fill was also present underlying the granular fill in some boreholes. Various additional layers were encountered beneath the silty clay, however, Wood was not on-Site for deeper drilling. Bedrock was encountered at depths ranging from 15.2 to 29.3 mbgs. Refer to the WSP Geotechnical Investigation for more detailed information on the overburden and bedrock drilling.

No deleterious fill materials were observed during the drilling program.

#### 3.2 Field Measurements

##### 3.2.1 Staining and Odours

Visual and/or olfactory evidence of petroleum hydrocarbon impact (petroleum-like odours and/or black staining) or other chemical-type impacts were not observed in any of the boreholes.

##### 3.2.2 COV and TOV Concentrations

COV and TOV concentration headspace measurements recorded in the soil samples collected from the boreholes are summarized in the following table.

BH ID	BH-02		BH-03		BH-04		BH-05		BH-06		BH-07		BH-08		BH-09		BH-P01		BH-P03	
	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T
	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
Sample Interval																				
SS1	-	-	25	1	-	-	-	-	-	-	-	-	0	1	-	-	0	1	0	1
SS2	-	-	0	0	60	0	0	2	-	-	-	-	-	-	-	-	0	1	0	0
SS3	-	-	60	0	115	0	0	2	0	0	55	0	0	0	-	-	0	1	0	0
SS4	-	-	35	0	55	0	0	0	15	0	0	0	0	0	-	-	0	0	0	0
SS5	-	-	60	1	100	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
SS6	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	0	0	0	0
SS7	-	-	20	0	-	-	-	-	-	-	-	-	-	-	80	0	0	0	0	0
SS8	-	-	0	1	-	-	-	-	30	0	-	-	-	-	-	-	0	0	-	-

**Notes:** All readings in parts per million (ppm). “-” means vapour sample not obtained from this sample interval.

COV concentration headspace measurements recorded in the soil samples collected from the boreholes ranged from non-detectable to 115 parts per million (ppm). TOV concentration headspace measurements recorded in the soil samples collected from the boreholes ranged from non-detectable to 2 ppm. The COV and TOV concentrations headspace measurements are summarized in the borehole logs in **Appendix A**.

It is Wood’s opinion that the results of the screening program suggest a low potential for the presence of combustible soil headspace vapour levels in the soil/fill samples.

Various samples were submitted for laboratory analysis of PHCs and VOCs or BTEX to confirm and quantify these results (refer to **Section 5.1**).



### 3.2.3 LNAPL and DNAPL

LNAPL or DNAPL were not observed during the purging and sampling of the monitoring wells.

#### 4.0 REGULATORY FRAMEWORK

The SCS applicable to the Site have been evaluated based on the following rationale:

- The Site consists of a roadway, which is classified as community property use;
- The results of the grain size test on sample BH-05-5-C indicated approximately 91.4% of the native silty clay consisted of particles less than 75 micrometres ( $\mu\text{m}$ ) in diameter (**Appendix B**). Therefore, the soil at the Site was classified as a medium and fine textured soil (i.e., contains 50% or more by mass of particles that are smaller than 75  $\mu\text{m}$  in mean diameter(*O. Reg. 153/04, s.42 (2)*));
- Municipal water service is not available in the general area of the Site, and therefore, the potable ground water condition applies. In addition, as per the 2021 Phase I ESA, a review of the MECP Well Records and ERIS report indicated that there were records for both domestic drinking water wells and monitoring wells within the vicinity of each Section of the Site.
- In accordance with *O. Reg. 153/04*, the Site includes land that is within 30 m of a “water body”, including both the Welland River, adjacent to the north of the Site and Grassy Brook Creek, adjacent to the northwest of the Site;
- Based on the boreholes drilled for the Investigation, the depth to bedrock is greater than 2 m; and
- The Site is classified as an *Environmentally Sensitive Area* under *O. Reg. 153/04* as amended, as:
  - The Site includes land and is within 30 m of land that is classified as an *Area of Natural Significance* as defined by *O. Reg. 153/04* as amended, including the following:
    - Portions of the Welland River West Wetland Complex, a Provincially Significant Wetland (PSW), including land adjacent to the Welland River;
    - Lower Grassy Brook Wetland Complex, a PSW, located surrounding Grassy Brook Creek;

- Lyon's Creek Wetland Complex, a PSW, located at the south end of the Site, on the south side of Reixinger Road;
  - Warran Creek Wetland Complex, a PSW, located adjacent to the Site to the south of Brown Road, west of Montrose Road;
  - The PSWs are also designated as Environmental Protection Area by the City of Niagara Falls (City) and RMON; and
- Eleven soil samples were submitted for pH determination. All samples had a pH between 7.4 and 7.7. The reported soil pH for all samples was within the range 5.0 to 9.0 units for surface soil (surface to 1.5 mbgs) and 5.0 to 11.0 units for subsurface soil (below 1.5 mbgs) (**Table 1**).

Due to the presence of *Areas of Natural Significance (ANSI)* both on-Site and off-Site (within 30 m of the Site boundaries), the Site is classified as an *Environmentally Sensitive Area*, and the SCS currently applicable to the Site are the Table 1 Background Site Condition Standards (Table 1 SCS), for residential/parkland/institutional/industrial/commercial/community property use.

However, not all of the Site would be considered an *Environmentally Sensitive Area*. Any lands greater than 30 m from a water body or *ANSI* could be compared to less stringent standards. Therefore, Wood has also compared the results to the Table 2 Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, for industrial/commercial/ community property use and medium and fine textured soils (the Table 2 SCS).



## 5.0 LABORATORY ANALYSES

### 5.1 Soil Sample Analyses

Twenty-three soil samples from the boreholes were submitted for analysis of general inorganics, metals, PHCs, VOCs/BTEX, PAHs and/or PCBs. The results of the analyses, and the respective Table 1 SCS and Table 2 SCS, are presented in detail in **Tables 1 through 3** (appended to this report), and summarized in the following table. Exceedances of the Table 1 SCS for conductivity and/or SAR were identified at six borehole locations, including BH02, BH-04, BH-05, BH-07, BHP-01 and BH-P03. There were no exceedances of the Table 1 SCS for metals, PHCs, VOCs/BTEX, PAHs or PCBs. Three borehole locations also exceeded the Table 2 SCS for conductivity. No other exceedances of the Table 2 SCS were identified.

Sample Name	Sample Depth (mbgs)	Sample Analyses					Exceedances Identified *	
		Ino rg,	Met als	PHCs VOCs / BTEX	PAHs	P C B	Table 1 SCS	Table 2 SCS
BH02-2-C	0.8-1.4	✓	✓	✓			SAR – 2.49 (2.4)	-
BH03-3-C	1.5-2.1	✓	✓				-	-
BH03-6-D & DUP AB	3.3			✓			-	-
BH04-3-C	1.5-2.1	✓	✓				Conductivity – 1,360 (700)	-
BH04-5-D	3.4			✓			-	-
BH05-2-D	1.0	✓					Conductivity – 2,270 (700) SAR – 6.9 (2.4)	Conductivity – 2,270 (1,400)
BH05-3-C	1.5-2.1		✓				-	-
BH05-4-D	2.5			✓			-	-

Sample Name	Sample Depth (mbgs)	Sample Analyses					Exceedances Identified *	
		Ino rg,	Met als	PHCs VOCs / BTEX	PAHs	P C B	Table 1 SCS	Table 2 SCS
BH06-3-D	1.7			✓			-	-
BH06-4-C	2.3-2.9	pH	✓				-	-
BH07-2-D	0.8	✓	✓				Conductivity – 1,690 (700) SAR – 5.09 (2.4)-	Conductivity – 1,690 (1,400)
BH07-3-D	1.8				✓	✓	-	-
BH07-4-D	2.6			✓			-	-
BH07-6-D	4.1	pH					-	-
BH08-1-C	0-0.6	✓	✓				-	-
BH08-2-D	1.1			✓			-	-
BH09-6-C	3.8-4.4	pH	✓				-	-
BH09-7-D	4.9			✓			-	-
BH-P01-1-C	0.4-0.6	✓				✓	Conductivity – 1,650 (700)	Conductivity – 1,650 (700)
BH-P01-2-D	1.0			✓			-	-
BH-P01-3-C	1.5-2.1		✓				-	-
BH-P03-1-C	0-0.6	✓					SAR – 4.34 (2.4)	-
BH-P03-4-C & DUP AG	2.3-2.9	pH	✓				-	-
Total # Samples		12	10	9	1	2		

Notes: All units are in micrograms per gram (µg/g) except conductivity, in microSiemens per centimetre (µs/cm), and SAR (unitless). \* Where an exceedance is shown, it is shown in this format: “parameter – result (Table x SCS)”.



The elevated conductivity and SAR in the soil is attributed to the use of road salt, applied to the road surfaces for the safety of vehicular traffic under conditions of snow or ice or both. As such, in accordance with Ontario Regulation 153/04, as amended, the exceedances for EC and SAR are not considered exceedances if they remain on the Site. Therefore, there were no exceedances identified in any of the soil samples from the four boreholes drilled for this Investigation.

The laboratory certificates of analysis are included in **Appendix B**.

## 5.2 Ground Water Sample Analyses

Ground water samples collected from two monitoring wells were submitted for analysis of metals, PHCs and VOCs. The results of the analyses, and the respective Table 1 SCS and Table 2 SCS, are presented in detail in **Tables 4 and 5** (appended to this report) and are summarized in the following table. Exceedances of the Table 1 SCS for metals were identified at both monitoring wells, while only BH-P01 exceeded the Table 2 SCS (for uranium). There were no exceedances of the Table 1 or Table 2 SCS for PHCs or VOCs.

The laboratory certificates of analysis are included in **Appendix B**.

Sample Name (Date)	Screened Interval (mbgs)	Sample Analyses		Exceedances Identified *	
		Met als	PHC/ VOC	Table 1 SCS	Table 2 SCS
BH-P01 (13-Jan-2021)	4.55-7.6	✓	✓	Uranium – 24.6 (8.9)	Uranium – 24.6 (20)
BH-P02 & DUP WA (13-Jan-2021)	4.55-7.6	✓	✓	Silver – 0.4 (0.3)	-
BH-P01 & Dup-GW (13-May-2022)	4.55-7.6	✓	X	Uranium – 24.2 & 22.9 (8.9)	Uranium – 24.6 & 22.9 (20)

Sample Name (Date)	Screened Interval (mbgs)	Sample Analyses		Exceedances Identified *	
		Metals	PHC/ VOC	Table 1 SCS	Table 2 SCS
BH-P02 (13-May-2022)	4.55-7.6	✓	X	-	-
<b>Total # Samples</b>		4	2		

Notes: All units are in micrograms per Litre (µg/L).

\* Where an exceedance is shown, it is shown in this format: “parameter – result (Table x SCS)”.

### 5.3 Quality Assurance Program

#### 5.3.1 Accreditation

The analytical laboratory employed to perform the laboratory analyses (Paracel) is accredited by the Standards Council of Canada/Canadian Association for Laboratory Accreditation Standards in accordance with ISO/IEC 17025:2005 – “*General Requirements for the Competence of Testing and Calibration Laboratories*” for the tested parameters and have met the standards for proficiency testing developed by the Standards Council of Canada for parameters set out in the Soil, Ground Water and Sediment Standards.

#### 5.3.2 Data Validation

##### Field QA/QC Program

The field QA/QC program consisted of analyzing blind field duplicate soil and ground water samples including:

- DUP AG, a field duplicate of soil sample BH-P03-4-C, for metals;
- Dup AB, a field duplicate of soil sample BH-03-6-D, PHCs and VOCs;
- DUP WA, a field duplicate of ground water sample BH-P02, for metals, PHCs and VOCs; and

- Dup-GW, a field duplicate of ground water sample BH-P01, for metals.

Duplicate samples are analyzed to assess the precision of the field sampling and laboratory analytical processes. To accurately calculate a statistically valid relative percent difference (RPD) for the duplicate sample, the concentration of the analytes found in both the original and duplicate sample must be greater than five (5) times the MDL. An assessment of the RPDs for the duplicate samples was completed (**Tables 1, 2, 4 and 5**). The RPDs were either not calculable as both values were not greater than five times the MDL or were below the RPD limits.

It is noted that the RPD values in the Analytical Protocol are for duplicate samples collected at the laboratory and are used for comparison to the RPDs calculated for field duplicates.

During the second sampling event on May 13, 2022, a field blank sample was submitted for analysis of metals. Field blanks are samples of laboratory provided reverse osmosis deionized (RODI) water, which is poured into a set of sample bottles at the same time and in the same general area as the samples are collected. The field blank is used to determine if there is presence of contamination as a result of field handling. The field blank was non-detectable for all parameters analyzed, indicating that the field activities did not bias the reported results.

A trip blank was also submitted for analysis of metals during the second sampling event. A trip blank is a sample of RODI water prepared and filled into the relevant sample bottles by the laboratory. The sample is sent with the bottle shipment, taken out to the field and then shipped back with the collected samples for analysis (not opened at any time by field staff). All parameters were found to be non-detectable in the trip blank.

All fieldwork was conducted in accordance with the applicable sampling guidelines, which included dedicated sampling equipment, disposable gloves, and sample preservation, where required.

#### Laboratory QA/QC Program

All sample analyses were performed within the required sample/extract hold times.

The analytical results reported for all laboratory duplicate, blank and spike samples were acceptable, with the exceptions noted on the laboratory certificates of analysis in

**Appendix B.** The analyses were accepted by the laboratory based on other QC in the batch.

In general, no information provided in the QA/QC results for soil and ground water samples would impact the findings of the investigation.

## 6.0 CONCLUSIONS

The Phase II ESA was completed to address APECs identified during the Phase I ESA, including:

<b>Area of Potential Environmental Concern (APEC)</b>	<b>Location of APEC on Site</b>	<b>Potentially Contaminating Activity*</b>	<b>Boreholes Addressing this APEC</b>	<b>Contaminants of Potential Concern</b>	<b>Media Potentially Impacted</b>
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-P01 (soil and ground water)	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	BH-P01 (soil and ground water)	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-07 and BH-09	PHCs and BTEX	Ground Water

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Boreholes Addressing this APEC	Contaminants of Potential Concern	Media Potentially Impacted
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	BH-07	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	BH-07	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Boreholes Addressing this APEC	Contaminants of Potential Concern	Media Potentially Impacted
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	BH-P03	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-03 (soil) and BH-P02 (ground water)	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-02	PHCs and VOCs	Ground Water

\*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O. Reg. 153/04* as amended, where applicable.

PHCs – Petroleum Hydrocarbons

BTEX – Benzene, Toluene, Ethylbenzene, Xylenes

PCBs – Polychlorinated Biphenyls

PAHs – Polycyclic Aromatic Hydrocarbons

VOCs – Volatile Organic Compounds

EC – Electrical Conductivity

SAR – Sodium Adsorption Ratio

As – Arsenic

Sb – Antimony

Se – Selenium

The Phase II ESA included the drilling of 10 boreholes, and the installation of two ground water monitoring wells (with associated soil and ground water sampling and analytical programs) in an effort to determine Site characteristics and COPCs including, including, metals, including hydrides, inorganics, PHCs, VOCs/BTEX, PAHs and PCBs.

The borehole drilling for this project was coordinated with a Geotechnical Investigation underway concurrently for the same project. The Client retained WSP for the Geotechnical Investigation, and the drilling subcontractor was retained by WSP. All boreholes were drilled under the supervision of WSP. Wood attended the drilling during drilling of the boreholes indicated in the table above. It is noted that many of the boreholes extended well beyond the depth required for environmental sampling, and Wood was not present for this additional drilling.

Due to the presence of ANSI both on-Site and off-Site (within 30 m of the Site boundaries), the Site is classified as an *Environmentally Sensitive Area*, and the SCS currently applicable to the Site are the Table 1 Background Site Condition Standards (Table 1 SCS), for residential/parkland/institutional/industrial/commercial/community property use.

However, not all of the Site would be considered *Environmentally Sensitive Area*. Any lands greater than 30 m from a water body or ANSI could be compared to less stringent standards. Therefore, Wood has also compared the results to the Table 2 Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, for industrial/commercial/ community property use and medium and fine textured soils (the Table 2 SCS).

All samples with Table 1 or Table 2 SCS exceedances are summarized in the following table:

Soil Sample Location	Sample Depth (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
<b>Borehole Soil Samples</b>			
BH02-2-C	0.8-1.4	SAR – 2.49 (2.4)	-
BH04-3-C	1.5-2.1	Conductivity – 1,360 (700)	-



Soil Sample Location	Sample Depth (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
BH05-2-D	1.0	Conductivity – 2,270 (700) SAR – 6.9 (2.4)	Conductivity – 2,270 (1,400)
BH07-2-D	0.8	Conductivity – 1,690 (700) SAR – 5.09 (2.4)-	Conductivity – 1,690 (1,400)
BH-P01-1-C	0.4-0.6	Conductivity – 1,650 (700)	Conductivity – 1,650 (700)
BH-P03-1-C	0-0.6	SAR – 4.34 (2.4)	-
Ground Water Sample Location (Date)	Screened Interval (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
BH-P01 (13-Jan-2021)	4.55-7.6	Uranium – 24.6 (8.9)	Uranium – 24.6 (20)
BH-P02 & DUP WA (13-Jan-2021)	4.55-7.6	Silver – 0.4 (0.3)	-
BH-P01 & Dup-GW (13-May-2022)	4.55-7.6	Uranium – 24.2 & 22.9 (8.9)	Uranium – 24.6 & 22.9 (20)
BH-P02 (13-May-2022)	4.55-7.6	-	-

**Notes:**

All units for soil samples are in micrograms per gram (µg/g) except conductivity, in microSiemens per centimetre (µs/cm) and SAR (unitless).

All units for ground water samples are in micrograms per Litre (µg/L).

\* Where an exceedance is shown, it is shown in this format: “parameter – detected concentration in sample (Table X SCS)”.

### **Borehole Soil Samples**

The elevated conductivity and SAR in the soil is attributed to the use of road salt, applied to the road surfaces for the safety of vehicular traffic under conditions of snow or ice or both. As such, in accordance with Ontario Regulation 153/04, as amended, the exceedances for EC and SAR are not considered exceedances if they remain on the Site. Therefore, there were no exceedances identified in any of the soil samples from the boreholes drilled for this Investigation.

### **Ground Water Samples**

The ground water sample from monitoring well BH-P01 exceeded the Table 1 SCS and Table 2 SCS for uranium, and the sample from BH-P02 exceeded the Table 1 SCS for silver during the initial ground water sampling program in January 2021. To confirm these exceedances, Wood re-sampled both of the ground water monitoring wells in May 2022. The results of the re-sampling event showed that the ground water in BH-P01 exceeded the Table 1 and 2 SCS for uranium. The ground water in BH-P02 was not found to have any exceedances during the re-sampling event. Therefore, the initial silver exceedance in BH-P02 is considered to be an anomaly, and the uranium exceedance in BH-P01 is most likely a naturally occurring level. PHCs and VOCs were not detected in either well.

## 7.0 RECOMMENDATIONS

Based on the contaminants of concern, Wood does not see the exceedances to be a potential constraint or impediment for construction on these lands. However, the following considerations should be taken prior to and during construction:

- Any excess soil generated during construction in the sewer alignment must follow *Ontario Regulation 406/19 (O. Reg. 406/19): On-Site and Excess Soil Management*. The Phase I ESA completed prior to this Phase II ESA may be used as the Assessment of Past Uses report in support of excess soil management for the Site. However, since the date of the Phase I ESA is greater than 18 months old, it would need to be updated to meet the standards of the regulation. Additionally, some samples collected and analyzed during this Phase II ESA may be used towards the total number of samples analyzed that are required by *O. Reg. 406/19* based on the estimated volume of excess soil that will be generated. However, additional sample collection will be required to meet the sampling frequency required by *O. Reg. 406/19*. While the elevated levels of EC and SAR in soil are not considered to be exceedances in *O. Reg. 153/04* at the Site due to the use of road salt for safety purposes, they may be considered exceedances on other properties. This should be taken into consideration when planning for the potential removal of soil during construction activities following *O. Reg. 406/19*;
- A due diligence risk assessment could be completed to assess any risks associated with soil and/or ground water exceedances of the Table 1 or 2 SCS, as applicable. The risk assessment would also outline any mitigation measures to control the identified risks. Examples of mitigation measures may include: soil remediation (e.g., soil removal) and/or reducing ground water generated during construction; and
- It is recommended to undertake dewatering activities during construction when the ground water aquifer is encountered. Dewatering will reduce the chance that ground water exceedances are spread across the Site. Wood also recommends that the ground water in the area of the proposed sewer alignment be sampled for Niagara Sewer Use By-Law parameters. If the ground water does not exceed any of the Niagara Sewer Use By-Law parameters, it may be discharged to the regional

stormwater or sanitary sewer system during construction. It is noted that there is no value for uranium in the Niagara Sewer Use By-Law.

Should the ground water monitoring wells no longer be required, they must be maintained or abandoned in accordance with the requirements of Section 21(3) of Ontario Regulation 903 – Wells which states *“the well owner shall immediately abandon the well if it is not being used or maintained for future use as a well”*.

## 8.0 LIMITATIONS

This report was prepared for the exclusive use of Regional Municipality of Niagara and is intended to provide a Phase II Environmental Site Assessment of the property referred to as the future Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario, including Reixinger Road, from 6811 Reixinger Road to Montrose Road, Montrose Road, from Reixinger Road to south of Canadian Drive, Brown Road, from Montrose Road to Heartland Forest Road and a section of land extending in a straight-line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSHL SPS) to south of Canadian Drive. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from Wood will be required. With respect to third parties, Wood has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The investigation undertaken by Wood with respect to this report and any conclusions or recommendations made in this report reflect Wood's judgment based on the Site conditions observed at the time of the Site inspections set out in this report and on information available at the time of preparation of this report. This report has been prepared for specific application to this Site and it is based, in part, upon visual observation of the Site, subsurface investigation at discrete locations and depths, and specific analysis of specific chemical parameters and materials during a specific time interval, all as described in this report. Unless otherwise stated, the findings cannot be extended to previous or future Site conditions, portions of the Site, which were unavailable for direct investigation, subsurface locations, which were not investigated directly, or chemical parameters, materials or analysis which were not addressed. Wood has used its professional judgment in analysing this information and formulating these conclusions.

Wood makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This Report is also subject to the further Standard Limitations contained in **Appendix C**.



## 9.0 CLOSURE

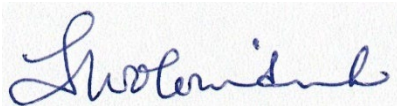
We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Yours truly,

**Wood Environment & Infrastructure Solutions,  
a Division of Wood Canada Limited.**

Prepared by:

Reviewed by:



Tracy Wolowidnek, B.Sc.  
Environmental Scientist

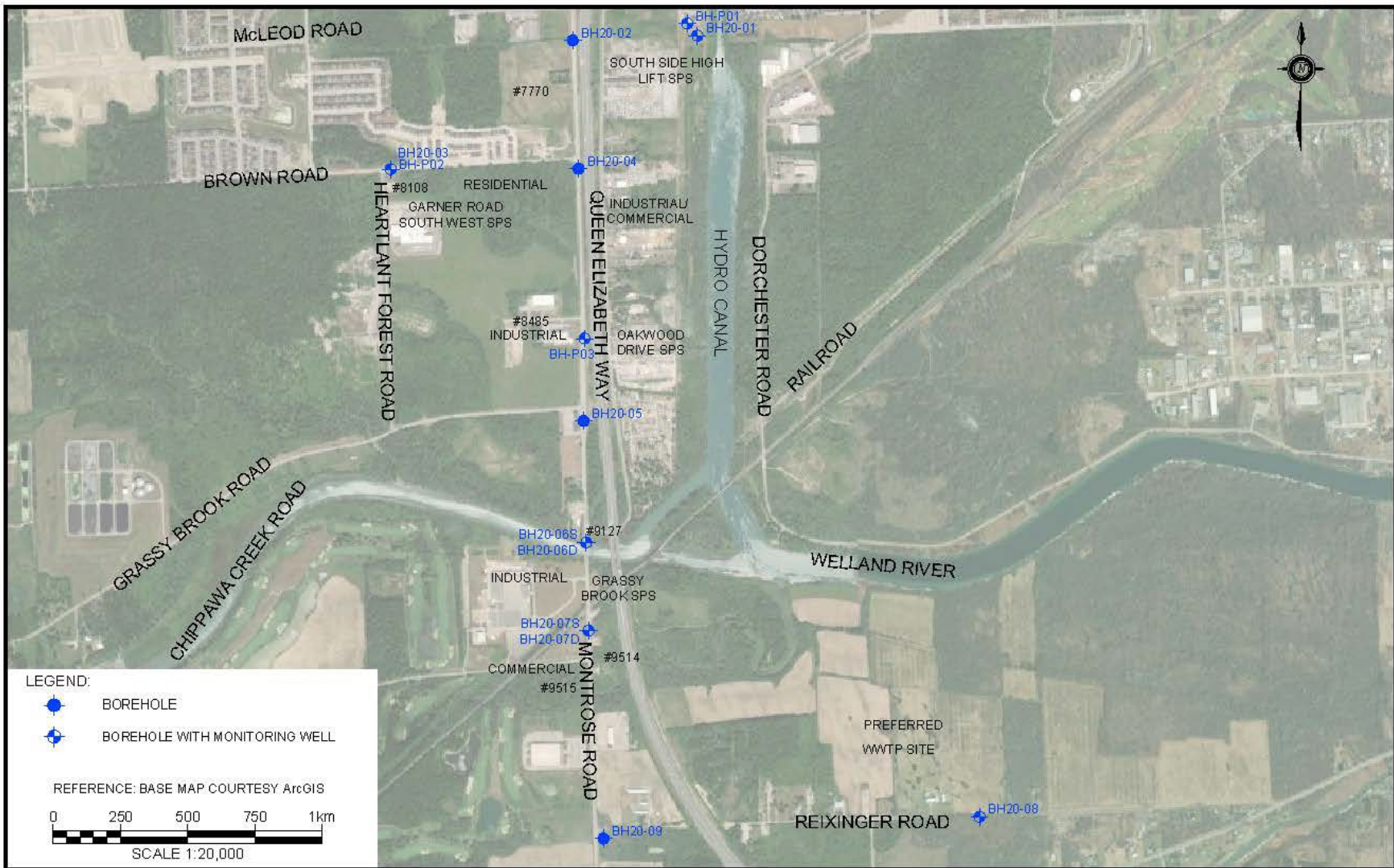


Patrick Shriner, P.Geo.  
Associate Environmental Geoscientist



Braedan Huras, B.Sc., EPT  
Environmental Technician

## FIGURES



CLIENT <b>REGIONAL MUNICIPALITY OF NIAGARA</b>		DWN BY: ZF	PROJECT <b>PHASE II ESA PROPOSED SEWER ALIGNMENT AND CONSTRUCTION SHAFTS</b>	REV. NO.: A
		CHK'D BY: BH		DATE: JANUARY 2022
<b>Wood Environment &amp; Infrastructure Solutions</b> 110 James Street, Suite 301 St. Catharines, Ontario L2R 7E8		DATUM: NAD 83	TITLE <b>SITE PLAN</b>	PROJECT NO.: OESAM2008.2000
		PROJECTION: UTM ZONE 17		FIGURE No.: 1
		SCALE: AS SHOWN		

## **TABLES**

### Table Notes and Abbreviations

Site Condition Standards - Soil and Ground Water	
Table 1 SCS	Table 1: Background Site Condition Standards; established in "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", Ontario Ministry of the Environment (MOE), 15 April 2011. Table 1 SCS for Residential/Parkland/Institutional/ Industrial/Commercial/Community (R/P/I/I/C/C) Property Use and medium and fine textured soils utilized.
Table 2 SCS	Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition; established in "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", Ontario Ministry of the Environment (MOE), 15 April 2011. Table 2 SCS for Industrial/Commercial/Community Property Use and medium and fine textured soils utilized.
<b>BOLD</b>	Result exceeds the Table 1 SCS.
<b>BOLD</b>	Result exceeds the Table 1 and Table 2 SCS.
NV	No value derived.
*	To apply the generic standards (Table 2 SCS), pH for surface soil must be between 5-9 and pH for subsurface soil must be between 5 to 11.
Units	
µg/g	micrograms per gram, parts per million.
µS/cm	microSiemens per centimetre.
µg/L	micrograms per Litre, parts per billion.
Detection Limits	
MDL	Method Detection Limit
Results	
-	Parameter not analyzed.
<	Sample result less than the MDL.
Quality Assurance/Quality Control (QA/QC)	
Duplicate Average	Average of results of sample and it's field duplicate; where parameter <MDL, MDL used to calculate average. Note: the duplicate average must exceed the SCS for there to be an exceedance.
RPD	Relative Percent Difference
NC	RPD not calculable as both values are not greater than 5x the MDL.
<b>RPD</b>	RPD outside of the sample duplicate values as outlined in the 2011 Analytical Protocol: <u>Soil:</u> -0.3 pH units; -10% for EC; -30% for Metals, PHCs; -35% for Cyanide (free); -40% for PAHs; and -50% for VOCs. <u>Ground Water:</u> -20% for Metals; and
Parameter Groups	
General Inorganics	includes pH, Sodium Adsorption Ratio (SAR) and Conductivity
Metals	includes hydride forming metals (antimony, arsenic and selenium)
PHCs	Petroleum Hydrocarbons in the F1 to F4 ranges
VOCs	Volatile Organic Compounds
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
mbgs	metres below ground surface
mASL	metres above sea level
	Elevated MDL (refer to notes on relevant table), detection limit shown if result <MDL.
	MDL higher than relevant standard.

**Table 1: Summary of Soil Analyses for General Inorganics and Metals**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID					BH-02-2-C	BH-03-3-C	BH-04-3-C	BH-05-2-D	BH-05-3-C	BH-05-5-C	BH-06-4-C	BH-07-2-D
Sample Depth (m)					0.6-1.4	1.5-2.1	1.5-2.1	1.0	1.5-2.1	3.1-3.7	2.3-2.9	0.6
Date Collected					14-Dec-2020	2-Dec-2020	7-Dec-2020	4-Dec-2020	4-Dec-2020	4-Dec-2020	15-Dec-2020	21-Dec-2020
Laboratory ID					2051388-01	2049378-01	2050129-01	2050005-01	2050005-02	2050005-04	2051388-03	2052104-01
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS								
<i>Physical Characteristics</i>												
>0.075 mm	%	0.1	-	-	-	-	-	-	-	8.6	-	-
<0.075 mm	%	0.1	-	-	-	-	-	-	-	91.4	-	-
Texture	%	0.1	-	-	-	-	-	-	-	Med/Fine	-	-
<i>General Inorganics</i>												
SAR	N/A	0.01	24	12	2.49	1.02	2.02	6.9	-	-	-	5.09
Conductivity	µS/cm	5	570	1400	513	440	1,360	2,270	-	-	-	1,690
pH	pH units	0.05	NV	5-9, 5-11*	7.6	7.7	7.6	7.4	-	-	7.6	7.7
<i>Metals</i>												
Antimony	µg/g	1.0	13	50	<	<	<	-	<	-	<	<
Arsenic	µg/g	1.0	18	18	5.7	4.9	6.0	-	4.7	-	3.9	6.8
Barium	µg/g	1.0	220	670	48.6	131	82.3	-	133	-	132	110
Beryllium	µg/g	0.5	25	10	<	0.7	0.7	-	1.0	-	0.7	0.9
Boron	µg/g	5.0	36	120	13.4	14.9	10.0	-	14.4	-	9.7	5.2
Cadmium	µg/g	0.5	12	1.9	<	<	<	-	<	-	<	<
Chromium	µg/g	5.0	70	160	13.9	22.3	21.1	-	30.1	-	18.6	23.5
Cobalt	µg/g	1.0	21	100	5.2	11.1	10.8	-	16.1	-	10.3	11.9
Copper	µg/g	5.0	92	300	15.8	17.4	25.0	-	23.8	-	13.3	22.9
Lead	µg/g	1.0	120	120	43.9	10.7	9.5	-	13.2	-	8.5	64.6
Molybdenum	µg/g	1.0	2	40	<	<	<	-	<	-	<	1.0
Nickel	µg/g	5.0	82	340	13.2	24.4	24.6	-	35.8	-	20.6	30.5
Selenium	µg/g	1.0	1.5	5.5	<	<	<	-	<	-	<	<
Silver	µg/g	0.3	0.5	50	<	<	<	-	<	-	<	<
Thallium	µg/g	1.0	1	3.3	<	<	<	-	<	-	<	<
Uranium	µg/g	1.0	25	33	<	<	<	-	1.1	-	<	<
Vanadium	µg/g	10.0	86	86	14.5	31.1	30.2	-	39.9	-	28.0	31.9
Zinc	µg/g	20.0	290	340	81.3	50.6	50.8	-	63.6	-	55.9	97.6

**Table 1: Summary of Soil Analyses for General Inorganics and Metals**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID				BH-07-6-D	BH-08-1C	BH-09-6-C	BH-P01-1-C	BH-P01-3-C	BH-P03-1-C	BH-P03-4-C	DUP AG	Duplicate Average	RPD
Sample Depth (m)				4.1	0-0.6	3.8-4.4	0.4-0.6	1.5-2.1	0-0.6	2.3-2.9	2.3-2.9	BH-P03-4-C and DUP AG	BH-P03-4-C and DUP AG
Date Collected				21-Dec-2020	18-Dec-2020	9-Dec-2020	10-Dec-2020	10-Dec-2020	11-Dec-2020	11-Dec-2020	11-Dec-2020		
Laboratory ID				2052104-04	2051634-01	2090381-01	2050905-01	2050905-03	2051018-01	2051018-02	2051018-03		
Parameter	Units	MDL	Table 1 SCS										
<i>Physical Characteristics</i>													
>0.075 mm	%	0.1	-	-	-	-	-	-	-	-	-	-	-
<0.075 mm	%	0.1	-	-	-	-	-	-	-	-	-	-	-
Texture	%	0.1	-	-	-	-	-	-	-	-	-	-	-
<i>General Inorganics</i>													
SAR	N/A	0.01	24	-	0.26		0.98	-	4.34	-	-	-	-
Conductivity	µS/cm	5	570	-	537		1,650	-	532	-	-	-	-
pH	pH units	0.05	NV	7.5	7.1	7.7	7.5	-	-	7.7	-	-	-
<i>Metals</i>													
Antimony	µg/g	1.0	13	-	<	<	-	<	-	<	<	<	NC
Arsenic	µg/g	1.0	18	-	4.5	5.1	-	54	-	5.3	4.5	4.9	NC
Barium	µg/g	1.0	220	-	107	95.3	-	104	-	153	124	138.5	21%
Beryllium	µg/g	0.5	25	-	0.7	0.5	-	0.9	-	1.0	0.9	1.0	NC
Boron	µg/g	5.0	36	-	5.0	167	-	133	-	18.9	18.3	18.6	NC
Cadmium	µg/g	0.5	12	-	<	<	-	<	-	<	<	<	NC
Chromium	µg/g	5.0	70	-	25.6	17.3	-	273	-	29.0	26.9	28.0	8%
Cobalt	µg/g	1.0	21	-	9.4	7.7	-	134	-	15.0	13.3	14.2	12%
Copper	µg/g	5.0	92	-	19.3	14.7	-	230	-	24.3	20.6	22.5	NC
Lead	µg/g	1.0	120	-	11.0	12.7	-	114	-	10.9	9.3	10.1	16%
Molybdenum	µg/g	1.0	2	-	<	1.2	-	<	-	<	<	<	NC
Nickel	µg/g	5.0	82	-	24.4	18.4	-	304	-	31.9	28.7	30.3	11%
Selenium	µg/g	1.0	1.5	-	<	<	-	<	-	<	<	<	NC
Silver	µg/g	0.3	0.5	-	<	<	-	<	-	<	<	<	NC
Thallium	µg/g	1.0	1	-	<	<	-	<	-	<	<	<	NC
Uranium	µg/g	1.0	25	-	<	1.0	-	<	-	<	<	<	NC
Vanadium	µg/g	10.0	86	-	37.5	20.8	-	363	-	29.6	35.8	37.7	NC
Zinc	µg/g	20.0	290	-	43.1	49.6	-	63.7	-	64.3	59.5	61.9	NC

**Table 2: Summary of Soil Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID		BH-02-2-C	BH-03-6-D	Dup AB	Duplicate Average	RPD	BH-04-5-D
Sample Depth (m)		0.8-1.4	3.3	3.3	BH-03-6-D and Dup AB	BH-03-6-D and Dup AB	3.4
Date Collected		14-Dec-20	2-Dec-20	2-Dec-20			7-Dec-20
Laboratory ID		2051388-01	2049378-02	2049378-03			2050129-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS			
<b>Petroleum Hydrocarbons (PHCs)</b>							
F1 PHCs (C6-C10)	µg/g	7	25	65	<	<	<
F2 PHCs (C10-C16)	µg/g	4	10	250	<	<	<
F3 PHCs (C16-C34)	µg/g	8	240	2500	13	<	<
F4 PHCs (C34-C50)	µg/g	6	120	6000	<	<	<
<b>Volatile Organic Compounds (VOCs)</b>							
Acetone	µg/g	0.50	0.5	28	<	<	<
Benzene	µg/g	0.02	0.02	0.4	<	<	<
Bromodichloromethane	µg/g	0.05	0.05	1.9	<	<	<
Bromoform	µg/g	0.05	0.05	1.7	<	<	<
Bromomethane	µg/g	0.05	0.05	0.05	<	<	<
Carbon Tetrachloride	µg/g	0.05	0.05	0.71	<	<	<
Chlorobenzene	µg/g	0.05	0.05	2.7	<	<	<
Chloroform	µg/g	0.05	0.05	0.18	<	<	<
Dibromochloromethane	µg/g	0.05	0.05	2.9	<	<	<
Dichlorodifluoromethane	µg/g	0.05	0.05	25	<	<	<
Ethylene dibromide (dibromoethane, 1,2-)	µg/g	0.05	0.05	0.05	<	<	<
1,2-Dichlorobenzene	µg/g	0.05	0.05	1.7	<	<	<
1,3-Dichlorobenzene	µg/g	0.05	0.05	12	<	<	<
1,4-Dichlorobenzene	µg/g	0.05	0.05	0.57	<	<	<
1,1-Dichloroethane	µg/g	0.05	0.05	0.6	<	<	<
1,2-Dichloroethane	µg/g	0.05	0.05	0.05	<	<	<
1,1-Dichloroethylene	µg/g	0.05	0.05	0.48	<	<	<
cis-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<
trans-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<
1,2-Dichloroethylene, total	µg/g	0.05	NV	NV	<	<	<
1,2-Dichloropropane	µg/g	0.05	0.05	0.68	<	<	<
cis-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<
trans-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<
1,3-Dichloropropane, total	µg/g	0.05	0.05	0.081	<	<	<
Ethylbenzene	µg/g	0.05	0.05	1.6	<	<	<
Hexane	µg/g	0.05	0.05	88	<	<	<
Methyl Ethyl Ketone (2-Butanone)	µg/g	0.50	0.5	88	<	<	<
Methyl Isobutyl Ketone	µg/g	0.50	0.5	210	<	<	<
Methyl tert-butyl ether	µg/g	0.05	0.05	2.3	<	<	<
Methylene Chloride	µg/g	0.05	0.05	2	<	<	<
Styrene	µg/g	0.05	0.05	43	<	<	<
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.05	0.11	<	<	<
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	0.094	<	<	<
Tetrachloroethylene	µg/g	0.05	0.05	2.5	<	<	<
Toluene	µg/g	0.05	0.2	9	<	<	<
1,1,1-Trichloroethane	µg/g	0.05	0.05	12	<	<	<
1,1,2-Trichloroethane	µg/g	0.05	0.05	0.11	<	<	<
Trichloroethylene	µg/g	0.05	0.05	0.61	<	<	<
Trichlorofluoromethane	µg/g	0.05	0.25	5.8	<	<	<
Vinyl Chloride	µg/g	0.02	0.02	0.25	<	<	<
m/p-Xylene	µg/g	0.05	NV	NV	<	<	<
o-Xylene	µg/g	0.05	NV	NV	<	<	<
Xylenes, total	µg/g	0.05	0.05	30	<	<	<



**Table 2: Summary of Soil Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID					BH-05-4-D	BH-06-3-D	BH-07-4-D	BH-08-2D	BH-09-7-D	BH-P01-2-D
Sample Depth (m)					2.5	1.7	2.6	1.1	49	1.0
Date Collected					4-Dec-20	15-Dec-20	21-Dec-20	18-Dec-20	9-Dec-20	10-Dec-20
Laboratory ID					2050005-03	2051388-02	2052104-03	2051634-02	2050381-02	2050505-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS						
<b>Petroleum Hydrocarbons (PHCs)</b>										
F1 PHCs (C6-C10)	µg/g	7	25	65	-	<	<	<	<	<
F2 PHCs (C10-C16)	µg/g	4	10	250	-	<	<	<	<	<
F3 PHCs (C16-C34)	µg/g	8	240	2500	-	45	<	<	<	9
F4 PHCs (C34-C50)	µg/g	6	120	6600	-	<	<	<	<	<
<b>Volatile Organic Compounds (VOCs)</b>										
Acetone	µg/g	0.50	0.5	28	<	<	<	<	-	-
Benzene	µg/g	0.02	0.02	0.4	<	<	<	<	<	<
Bromodichloromethane	µg/g	0.05	0.05	1.9	<	<	<	<	-	-
Bromoform	µg/g	0.05	0.05	1.7	<	<	<	<	-	-
Bromomethane	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
Carbon Tetrachloride	µg/g	0.05	0.05	0.71	<	<	<	<	-	-
Chlorobenzene	µg/g	0.05	0.05	2.7	<	<	<	<	-	-
Chloroform	µg/g	0.05	0.05	0.18	<	<	<	<	-	-
Dibromochloromethane	µg/g	0.05	0.05	2.9	<	<	<	<	-	-
Dichlorodifluoromethane	µg/g	0.05	0.05	25	<	<	<	<	-	-
Ethylene dibromide (dibromoethane, 1,2-)	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
1,2-Dichlorobenzene	µg/g	0.05	0.05	1.7	<	<	<	<	-	-
1,3-Dichlorobenzene	µg/g	0.05	0.05	12	<	<	<	<	-	-
1,4-Dichlorobenzene	µg/g	0.05	0.05	0.57	<	<	<	<	-	-
1,1-Dichloroethane	µg/g	0.05	0.05	0.6	<	<	<	<	-	-
1,2-Dichloroethane	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
1,1-Dichloroethylene	µg/g	0.05	0.05	0.48	<	<	<	<	-	-
cis-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
trans-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
1,2-Dichloroethylene, total	µg/g	0.05	NV	NV	<	<	<	<	-	-
1,2-Dichloropropane	µg/g	0.05	0.05	0.68	<	<	<	<	-	-
cis-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<	<	-	-
trans-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<	<	-	-
1,3-Dichloropropene, total	µg/g	0.05	0.05	0.081	<	<	<	<	-	-
Ethylbenzene	µg/g	0.05	0.05	1.6	<	<	<	<	<	<
Hexane	µg/g	0.05	0.05	88	<	<	<	<	-	-
Methyl Ethyl Ketone (2-Butanone)	µg/g	0.50	0.5	88	<	<	<	<	-	-
Methyl Isobutyl Ketone	µg/g	0.50	0.5	210	<	<	<	<	-	-
Methyl tert-butyl ether	µg/g	0.05	0.05	2.3	<	<	<	<	-	-
Methylene Chloride	µg/g	0.05	0.05	2	<	<	<	<	-	-
Styrene	µg/g	0.05	0.05	43	<	<	<	<	-	-
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.05	0.11	<	<	<	<	-	-
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	0.094	<	<	<	<	-	-
Tetrachloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
Toluene	µg/g	0.05	0.2	9	<	<	<	<	<	<
1,1,1-Trichloroethane	µg/g	0.05	0.05	12	<	<	<	<	-	-
1,1,2-Trichloroethane	µg/g	0.05	0.05	0.11	<	<	<	<	-	-
Trichloroethylene	µg/g	0.05	0.05	0.61	<	<	<	<	-	-
Trichlorofluoromethane	µg/g	0.05	0.25	5.8	<	<	<	<	-	-
Vinyl Chloride	µg/g	0.02	0.02	0.25	<	<	<	<	-	-
m/p-Xylene	µg/g	0.05	NV	NV	<	<	<	<	<	<
o-Xylene	µg/g	0.05	NV	NV	<	<	<	<	<	<
Xylenes, total	µg/g	0.05	0.05	30	<	<	<	<	<	<

**Table 3: Summary of Soil Analyses for PAHs and PCBs**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID					BH-07-3-C	BH-P01-1-C
Sample Depth (m)					1.8	0.4-0.6
Date Collected					21-Dec-20	10-Dec-20
Laboratory ID					2052104-02	2050505-01
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS		
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>						
Acenaphthene	µg/g	0.02	0.072	29	<	-
Acenaphthylene	µg/g	0.02	0.093	0.17	<	-
Anthracene	µg/g	0.02	0.16	0.74	<	-
Benzo[a]anthracene	µg/g	0.02	0.36	0.96	<	-
Benzo[a]pyrene	µg/g	0.02	0.3	0.3	<	-
Benzo[b]fluoranthene	µg/g	0.02	0.47	0.96	<	-
Benzo[g,h,i]perylene	µg/g	0.02	0.68	9.6	<	-
Benzo[k]fluoranthene	µg/g	0.02	0.48	0.96	<	-
Chrysene	µg/g	0.02	2.8	9.6	<	-
Dibenzo[a,h]anthracene	µg/g	0.02	0.1	0.1	<	-
Fluoranthene	µg/g	0.02	0.56	9.6	<	-
Fluorene	µg/g	0.02	0.12	69	<	-
Indeno[1,2,3-cd]pyrene	µg/g	0.02	0.23	0.95	<	-
1-Methylnaphthalene	µg/g	0.02	0.59	42	<	-
2-Methylnaphthalene	µg/g	0.02	0.59	42	<	-
Methylnaphthalene (1&2)	µg/g	0.04	0.59	42	<	-
Naphthalene	µg/g	0.01	0.09	28	<	-
Phenanthrene	µg/g	0.02	0.69	16	<	-
Pyrene	µg/g	0.02	1	96	<	-
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs, total	µg/g	0.05	0.3	1.1	<	<

Table 4: Summary of Ground Water Analyses for Metals

Client: Regional Municipality of Niagara  
 Site: Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
 Project: OESAM2008

Sample ID					BH-P01	BH-P02	Dup WA	RPD (%)	BH-P01	Dup-GW	RPD (%)	BH-P02	Field Blank	Trip Blank
Date Collected					13 Jan 2021	13 Jan 2021	13 Jan 2021		13 May 2022	13 Jan 2021		13 May 2022	13 May 2022	13 May 2022
Laboratory ID					2103308-01	2103308-02	2103308-03		2221025-01	2221025-03		2221025-02	2221151-01	2221151-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS										
<b>Metals</b>														
Antimony	µg/l	0.5	1.5	6.0	<	<	<	NC	<	<	NC	<	<	<
Arsenic	µg/L	1.0	13	25	<	1.2	1.2	NC	<	<	NC	2	<	<
Barium	µg/L	1.0	610	1,000	45.3	83.1	81.8	2%	32	33	3%	46	<	<
Beryllium	µg/L	0.5	0.5	4	<	<	<	NC	<	<	NC	<	<	<
Boron	µg/l	10.0	1,700	5,000	225	161	157	3%	129	128	1%	107	<	<
Cadmium	µg/L	0.2	0.5	2.7	<	<	<	NC	<	<	NC	<	<	<
Chromium	µg/L	1.0	11	50	<	<	<	NC	<	<	NC	<	<	<
Cobalt	µg/l	0.5	3.8	3.8	<	<	<	NC	<	<	NC	<	<	<
Copper	µg/L	0.5	5	87	2.9	1.1	2.8	NC	1.0	0.9	NC	1.3	<	<
Lead	µg/l	0.2	1.9	10	<	<	<	NC	<	<	NC	<	<	<
Molybdenum	µg/L	0.5	23	70	6.3	10.4	10.5	1%	5.9	5.7	3%	4.4	<	<
Nickel	µg/L	1.0	14	100	<	1.5	1.5	NC	<	3	NC	<	<	<
Selenium	µg/L	1.0	5	10	<	<	<	NC	<	<	NC	<	<	<
Silver	µg/l	0.2	0.3	1.5	<	0.4	0.4	NC	<	<	NC	<	<	<
Sodium	ug/L	200	490,000		-	-	-	-	92300	90900	2%	143000	<	<
Thallium	µg/L	0.5	0.5	2	<	<	<	NC	<	<	NC	<	<	<
Uranium	µg/L	0.2	8.9	20	24.6	6.6	6.4	3%	24.2	22.9	6%	3.8	<	<
Vanadium	µg/l	0.5	3.9	6.2	1.1	1.2	1.3	NC	0.5	0.5	NC	<	<	<
Zinc	µg/l	5.0	160	1,100	ND (5.0)	24.7	25.2	NC	<	<	NC	<	<	<



**Table 5: Summary of Ground Water Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID	BH-P01	BH-P02	Dup WA	RPD (%)				
Date Collected	13-Jan-2021	13-Jan-2021	13-Jan-2021					
Laboratory ID	2103308-01	2103308-02	2103308-03	BH/MW103 & Dup WA				
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS				
<i>Petroleum Hydrocarbons (PHCs)</i>								
F1 PHCs (C6-C10)	µg/L	25	420	750	<	<	<	NC
F2 PHCs (C10-C16)	µg/L	100	150	150	<	<	<	NC
F3 PHCs (C16-C34)	µg/L	100	500	500	<	<	<	NC
F4 PHCs (C34-C50)	µg/L	100	500	500	<	<	<	NC
<i>Volatile Organic Compounds (VOCs)</i>								
Acetone	ug/L	5.0	2700	2700	<	<	<	NC
Benzene	ug/L	0.5	0.5	5	<	<	<	NC
Bromochloromethane	ug/L	0.5	2	16	<	<	<	NC
Bromoform	ug/L	0.5	5	25	<	<	<	NC
Bromomethane	ug/L	0.5	0.89	0.89	<	<	<	NC
Carbon Tetrachloride	ug/L	0.2	0.2	5	<	<	<	NC
Chlorobenzene	ug/L	0.5	0.5	30	<	<	<	NC
Chloroform	ug/L	0.5	2	22	<	<	<	NC
Dibromochloromethane	ug/L	0.5	2	25	<	<	<	NC
Dichlorodifluoromethane	ug/L	1.0	590	590	<	<	<	NC
1,2-Dichlorobenzene	ug/L	0.5	0.5	3	<	<	<	NC
1,3-Dichlorobenzene	ug/L	0.5	0.5	99	<	<	<	NC
1,4-Dichlorobenzene	ug/L	0.5	0.5	1	<	<	<	NC
1,1-Dichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
1,2-Dichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
1,1-Dichloroethylene	ug/L	0.5	0.5	14	<	<	<	NC
cis-1,2-Dichloroethylene	ug/L	0.5	1.6	17	<	<	<	NC
trans-1,2-Dichloroethylene	ug/L	0.5	1.6	17	<	<	<	NC
1,2-Dichloropropane	ug/L	0.5	0.5	5	<	<	<	NC
cis-1,3-Dichloropropylene	ug/L	0.5	NV	NV	<	<	<	NC
trans-1,3-Dichloropropylene	ug/L	0.5	NV	NV	<	<	<	NC
1,3-Dichloropropane, total	ug/L	0.5	0.5	0.5	<	<	<	NC
Ethylbenzene	ug/L	0.5	0.5	2.4	<	<	<	NC
Ethylene dibromide (dibromomethane, 1,2-)	ug/L	0.2	0.2	0.2	<	<	<	NC
Hexane	ug/L	1.0	5	520	<	<	<	NC
Methyl Ethyl Ketone (2-Butanone)	ug/L	5.0	400	1800	<	<	<	NC
Methyl isobutyl Ketone	ug/L	5.0	640	640	<	<	<	NC
Methyl tert-butyl ether	ug/L	2.0	15	15	<	<	<	NC
Methylene Chloride	ug/L	5.0	5	90	<	<	<	NC
Styrene	ug/L	0.5	0.5	5.4	<	<	<	NC
1,1,1,2-Tetrachloroethane	ug/L	0.5	1.1	1.1	<	<	<	NC
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	1	<	<	<	NC
Tetrachloroethylene	ug/L	0.5	0.5	17	<	<	<	NC
Toluene	ug/L	0.5	0.8	24	<	<	<	NC
1,1,1-Trichloroethane	ug/L	0.5	0.5	200	<	<	<	NC
1,1,2-Trichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
Trichloroethylene	ug/L	0.5	0.5	5	<	<	<	NC
Trichlorofluoromethane	ug/L	1.0	150	150	<	<	<	NC
Vinyl Chloride	ug/L	0.5	0.5	1.7	<	<	<	NC
m/p-Xylene	ug/L	0.5	NV	NV	<	<	<	NC
o-Xylene	ug/L	0.5	NV	NV	<	<	<	NC
Xylenes, total	ug/L	0.5	72	300	<	<	<	NC

**APPENDIX A**  
**BOREHOLE LOGS**

# RECORD OF MONITORING WELL No. **BH-P01**

Project Number: **OESAM2008.2000** Drilling Method: **200 mm Hollow Stem Augering**  
 Project Client: **RMON** Drilling Machine: **CME-75 Track-Mounted Drill Rig**  
 Project Name: **Phase II ESA** Date Started: **Dec 10, 20** Date Completed: **Dec 10, 20**  
 Project Location: **Proposed WWTP Sewer Alignment and Construction Shaft Locations** Logged by: **BH** Compiled by: **BH**  
 Drilling Location: **4769632N; 653229E** Reviewed by: **KP** Revision No.: **0, 1/5/21**



Lithology Plot	LITHOLOGY PROFILE	SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING	SOIL SCREENING	INSTRUMENTATION INSTALLATION	COMMENTS
	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing ○ SPT ● DCPT	* Combustible Organic Vapour (ppm) ♦ Combustible Organic Vapour (%LEL) △ Total Organic Vapour (ppm)		
	Local Ground Surface Elevation: <b>ASPHALT</b>										
	FILL 0.1 - 0.3 m of: Grey, granular, dry, over - 0.5 m of: Grey/brown, sand/gravel, dry	SS	1	75	25			○	0 1.0		Sample BH-P01-1-C at to 0.4 to 0.6 mbgs submitted for laboratory analysis of EC, SAR, pH, and PCBs. Sample BH-P01-2-D at 1.0 mbgs submitted for laboratory analysis of PHCs (F1-F4) and BTEX.
	Brown to reddish brown to grey, Silty Clay/Clayey Silt, With traces of sand and gravel, and organics from 0.9 to 1.5 mbgs, Silt/sand pockets throughout, APL to WTPL 0.9	SS	2	54	16	1		○	0 1.0		
		SS	3	100	18	2		○	0 1.0		
		SS	4	100	21	3		○	0 0.0		
		SS	5	100	16	4		○	0 0.0		
		SS	6	100	9	5		○	0 0.0		
		SS	7	59	17	6		○	0 0.0		
		SS	8	100	9	7		○	0 0.0		
	<b>BORHOLE TERMINATED</b> 7.6										Sample BH-P01-3-C at to 1.5 to 2.1 mbgs submitted for laboratory analysis of metals.

Upon Completion: Borehole remained open and dry. Monitoring Well Installation: 3.05 m long, 5cm inside diameter Schedule 40 PVC pipe, No. 10 slot well screen with cone tip. No. 2 sand placed in annular space around well screen to 0.3 m above top of screen. Hydrated bentonite placed above sand pack to underside of concrete used to secure flushmount protective casing.

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☞ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.

Scale: 1 : 50

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# RECORD OF MONITORING WELL No. BH-P02

Project Number: OESAM2008.2000 Drilling Method: 200 mm Hollow Stem Augering  
 Project Client: RMON Drilling Machine: CME-75 Truck-Mounted Drill Rig  
 Project Name: Phase II ESA Date Started: Dec 3, 20 Date Completed: Dec 3, 20  
 Project Location: Proposed WWTP Sewer Alignment and Construction Shaft Locations: BH Compiled by: BH  
 Drilling Location: 4769061N; 652136E Reviewed by: KP Revision No.: 0, 1/5/21



Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING				SOIL SCREENING				INSTRUMENTATION INSTALLATION	COMMENTS	
	DESCRIPTION		Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing				* Combustible Organic Vapour (ppm)	* Combustible Organic Vapour (%LEL)	△ Total Organic Vapour (ppm)				
	Local Ground Surface Elevation:									20	40	60	80	100	200	300	400		
	ASPHALT																		
	FILL Grey, "Granular A" with sand, dry to wet	0.2	SS	1	79	>50								25					
			SS	2	75	35	1							0					
	Reddish brown to grey, Silty Clay/Clayey Silt, With traces of sand and gravel, Higher silt content starting around 5.0 mbgs, Fissured, APL-WTPL	1.5	SS	3	67		2							60					Sample BH-03-3-C at 1.5-2.1 mbgs submitted for laboratory analysis of metals, EC, SAR, and pH.
			SS	4	75	5								35					
			SS	6	100	6								60					Sample BH-03-6-D and Dup AB at 3.3 mbgs submitted for laboratory analysis of PHCs (F1-F4) and VOCs.
							3												
							4												
			SS	8	100	26	5							20					
			SS	9	100	4								0					
							6												
							7												
	BORHOLE TERMINATED	7.6																	NOTE: This monitoring well is included in a nest of two wells. The stratigraphy and sample details were completed in one well, which was installed for other purposes for use by a separate consultant. The well details shown here describe the well installation details of the second well in the nest, which will be used for environmental ground water monitoring.
																			Upon Completion: Borehole remained open and dry. Monitoring Well Installation: 3.05 m long, 5cm inside diameter Schedule 40 PVC pipe, No. 10 slot well screen with cone tip. No. 2 sand placed in annular space around well screen to 0.3 m above top of screen. Bentonite placed above sand pack to underside of concrete used to secure flushmount protective casing.

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☐ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.

# RECORD OF BOREHOLE No. BH-P03

Project Number: OESAM2008.2000  
 Project Client: RMON  
 Project Name: Phase II ESA  
 Project Location: Proposed WWTP Sewer Alignment and Construction  
 Drilling Location: 4768465N; 652854E

Drilling Method: 200 mm Hollow Stem Augering  
 Drilling Machine: CME-75 Truck-Mounted Drill Rig  
 Date Started: Dec 11, 20 Date Completed: Dec 11, 20  
 Logged by: BH Compiled by: BH  
 Reviewed by: KP Revision No.: 0, 1/5/21



Lithology Plot	LITHOLOGY PROFILE	SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING	SOIL SCREENING	INSTRUMENTATION INSTALLATION	COMMENTS
	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing ○ SPT ● DCPT	* Combustible Organic Vapour (ppm) * Combustible Organic Vapour (%LEL) △ Total Organic Vapour (ppm)		
	Local Ground Surface Elevation: FILL Grey/brown, miscellaneous fill - Gravel, clay, silt, sand, With rootlets, Moist	SS	1	33	9			0			Sample BH-P03-1-C at 0.0 to 0.6 mbgs submitted for laboratory analysis of EC and SAR.
	Brown to reddish brown, Silty Clay/Clayey Silt, With traces of sand and gravel, and organics from 0.8 to 3.0 mbgs, Fissured, APL-WTPL	SS	2	67	18	1	○	0			
		SS	3	84	17	2	○	0			
		SS	4	84	13		○	0			
		SS	5	100	15	3	○	0			
		SS	6	100	12	4	○	0			
		SS	7	100	7	5	○	0			
	BORHEOLE TERMINATED					5.2					Upon Completion: Borehole remained open and dry.

**Wood Environment & Infrastructure Solutions**

Unit 5-3300 Merrittville Highway  
 Thorold, Ontario L2V 4Y6  
 Tel: (905) 687-6616  
 Fax: (905) 687-6620  
 www.woodplc.com

☒ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.

Scale: 1 : 39

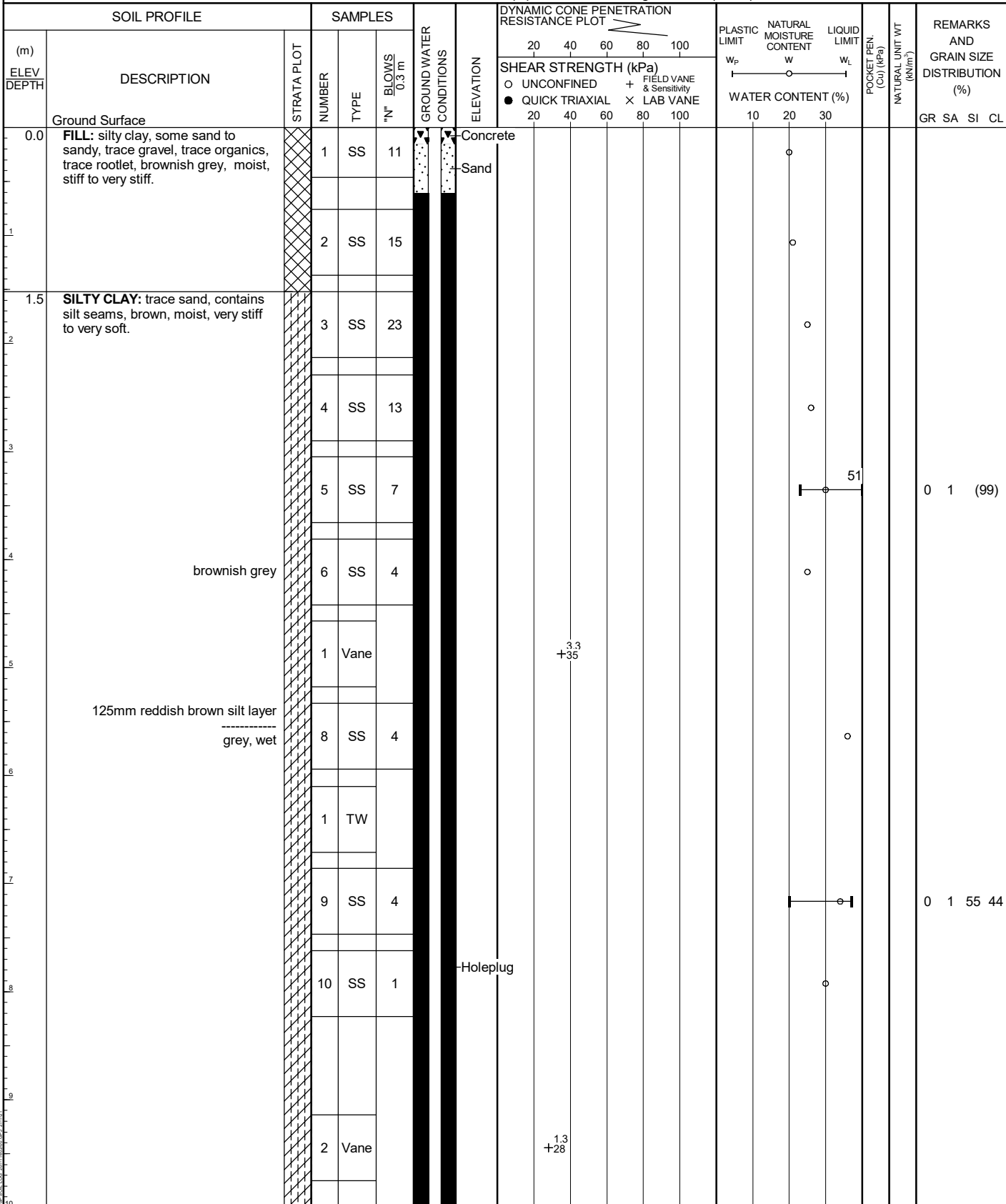
Page: 1 of 1





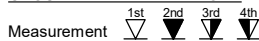
LOG OF BOREHOLE BH-01

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	Method: Hollow Stem Augers/HQ Core
DATUM: Geodetic	Diameter: 203 mm/63mm
BH LOCATION: See Borehole Location Plan	Date: Dec-09-2020 to Dec-09-2020
	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK



Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3 , × 3 : Numbers refer to Sensitivity

○ = 3% Strain at Failure

WSP 02-03-2014 03:00:00  
 WSP 02-03-2014 03:00:00  
 WSP 02-03-2014 03:00:00

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-09-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
Continued														
10.2	<b>CLAYEY SILT TILL:</b> sandy, trace gravel, reddish brown, moist to wet, firm.		12	SS	7									11 32 45 12
11.7	<b>SILTY SAND GRAVELLY:</b> trace clay, contains silty clay pockets, reddish brown, wet, dense to very dense.		13	SS	48									26 40 27 7
	75mm silty clay layer		14	SS	50/ 150mm									
14.3	<b>BEDROCK:</b> Coring began at 14.02m Refer to Rock Core Log		1	RC										
16.8	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelly tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 15.24m and 16.76m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)													

**GROUNDWATER ELEVATIONS**  
 Measurement

**GRAPH NOTES** + 3, x 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

WSP 02 0000445 201017 018  
 WSP 02 0000445 201017 018



LOG OF BOREHOLE BH-02

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-14-2020 to Dec-14-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
0.0	Ground Surface														
0.2	ASPHALT: 150mm														
0.2	FILL: crusher run limestone mix with silty clay pockets, grey, moist, compact.		1	SS	16										
1			2	SS	15										
2			3	SS	16										
2.3	FILL: crusher run limestone, grey, moist, compact to loose.		4	SS	8										
3			5	SS	20										
4			6	SS	14										
5			7	SS	8										
6			8	SS	6										
6.6	SILTY CLAY: trace sand, contains silt seams, reddish brown, moist, firm to very soft.		10	SS	2										
7			1	Vane											
8															
9															
10															

WSP 02-03-2021 09:30 AM 201-11602-00 BH-02

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

2.7  
+28

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-14-2020 to Dec-14-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
Continued																	
11	SILTY CLAY: trace sand, contains silt seams, reddish brown, moist, firm to very soft. (Continued)  grey, wet		11	SS	3												0 0 63 37
12																	
13			1	TW													
14	contains dilatant reddish brown silt layers		13	SS	3												
14.8	SILT: some clay to clayey, trace sand, dilatant, reddish brown, wet, compact.																
15			14	SS	15												
15.5	CLAYEY SILT TILL: sandy, trace gravel, contains shale/limestone fragments, reddish brown, moist, stiff to hard.																
16			15	SS	>50/ Initial 50mm												
16.8																	

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

WSP 02-03-2014 10:30:00 AM P.1-12



LOG OF BOREHOLE BH-03

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-02-2020 to Dec-03-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface															
0.2	ASPHALT: 150mm															
0.2	GRANULAR FILL: sand and gravel, trace silt, trace clay, grey, moist, very dense to dense,		1	SS	58											
1			2	SS	35											
1.5	FILL: silty clay, trace sand, trace gravel, trace organics, brown, moist, firm.		3	SS	7								54		0	1 (99)
	reddish brown		4	SS	5											
			1	Vane												
3.1	SILTY CLAY: trace sand, occasional gravel, reddish brown, moist, firm.		6	SS	6											
			1	TW												
4.6	SILT: trace to some clay, trace sand, dilatant, reddish brown, wet, compact.		8	SS	26											
5.3	SILTY CLAY: trace sand, occasional gravel, contains dilatant silt seams/layers, reddish brown, wet, firm to soft		9	SS	4											
			2	Vane												
			11	SS	4											
			2	TW												
			13	SS	6											
			3	Vane												

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2020 10:30 AM 201-11602-00 BH-03

PROJECT: Geotechnical Investigation CLIENT: Regional Municipality of Niagara PROJECT LOCATION: Niagara Region Sanitary Sewer DATUM: Geodetic BH LOCATION: See Borehole Location Plan	Method: Hollow Stem Augers/HQ Core Diameter: 203 mm/63mm Date: Dec-02-2020 to Dec-03-2020 Equipment: Pontil Drilling CME 75 (Truck)	REF. NO.: 201-11602-00 ENCL NO.: ORIGINATED BY SL COMPILED BY BW CHECKED BY MK
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SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100
Continued	<b>SILTY CLAY:</b> trace sand, occasional gravel, contains dilatant silt seams/layers, reddish brown, wet, firm to soft(Continued)		15	SS	3										0	0	67	33
			3	TW														
13.3	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet to saturated, very loose.		17	SS	2											3	5	(92)
15.2	<b>BEDROCK:</b> Coring began at 15.24m Refer to Rock Core Log		1	RC														
			2	RC														
			3	RC														
			4	RC														

Continued Next Page

**GROUNDWATER ELEVATIONS**

Measurement 1st 2nd 3rd 4th

**GRAPH NOTES**

+ 3, × 3: Numbers refer to Sensitivity

○ = 3% Strain at Failure

WSP 02 030443-000107-001  
 WSP 03 01 2011 11:00 AM  
 P. 2-11

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-02-2020 to Dec-03-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cp) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60	80			

20.1	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelby tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 4.50m and 7.60m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)														
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**GROUNDWATER ELEVATIONS**  
 Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH-04

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-07-2020 to Dec-08-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
0.0	Ground Surface FILL: crusher run limestone, contains silty sand pockets, brownish grey, moist, compact.		1	SS	26										
0.8	FILL: silty clay, trace sand, trace gravel, trace organics, trace rootlet, brownish grey, moist, stiff.		2	SS	9										
1.1	SILTY CLAY: trace sand, contains silt seams, brown, moist, very stiff to very soft.		3	SS	20										
			4	SS	16										
	reddish brown		5	SS	12										
			6	SS	9										
			7	SS	7										
			8	SS	7										
			9	SS	8										0 4 (96)
	grey, wet		10	SS	2										
			1	Vane			2.5	+35							

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02-08-2020 09:30 AM 201-11602-00-04  
 WSP 02-08-2020 09:30 AM 201-11602-00-04





LOG OF BOREHOLE BH-04

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

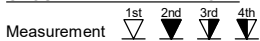
Method: Hollow Stem Augers/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-07-2020 to Dec-08-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (C <sub>u</sub> ) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W <sub>p</sub>	W	W <sub>L</sub>
	Continued																
11	SILTY CLAY: trace sand, contains silt seams, brown, moist, very stiff to very soft. (Continued)		12	SS	2											0 0 68 32	
12																	
13			1	TW													
14			14	SS	6											0 0 70 30	
14.6	SILT: some sand, trace gravel, trace clay, contains clayey silt layers/pockets, dilatant, reddish brown, wet, loose.  trace gravel, contains shale fragments		15	SS	6											8 20 64 8	
15																	
16.5	BEDROCK:  Coring began at 16.31m Refer to Rock Core Log		1	RC													
17																	
18			2	RC													
19			3	RC													

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02 000 444 2017 018  
 WSP 02 000 444 2017 018



# LOG OF BOREHOLE BH-04

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-07-2020 to Dec-08-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (C <sub>u</sub> ) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	PLASTIC LIMIT			NATURAL MOISTURE CONTENT	LIQUID LIMIT	W <sub>p</sub>	W			

19.9	<p><b>Continued</b></p> <p><b>END OF BOREHOLE</b></p> <p>Note: 1) TW denotes thin wall shelby tube sample.</p>														
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

WSP 02-03-2014 10:30 AM 2014-12-08 10:30 AM

**GROUNDWATER ELEVATIONS**

Measurement

**GRAPH NOTES** + 3, × 3: Numbers refer to Sensitivity      ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH-05

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface															
0.0	ASPHALT: 150mm															
0.2	GRANULAR FILL: 50mm		1	SS	50/initial	125mm										
0.2	FILL: crusher run limestone, contains silty sand pockets, brownish grey, moist, very dense to compact.															
1.1	FILL: silty clay, trace sand, trace gravel, trace organics, trace rootlet, brownish grey, moist, stiff.		2	SS		13										
1.8	SILTY CLAY: trace sand, contains silt seams, brown, moist, very stiff to very soft.		3	SS		14										
			4	SS		19										
			5	SS		18										0 2 (98)
	brown to reddish brown		6	SS		6										
			1	Vane												
			8	SS		11										
	contains grey silt seams		9	SS		10										
			10	SS		9										
			11	SS		9										

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02-03-2014 REVISED QLS  
 WSP 02-03-2014 REVISED QLS  
 WSP 02-03-2014 REVISED QLS



LOG OF BOREHOLE BH-05

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)								
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100	20	40	60	80	100
Continued	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to very soft. (Continued)	grey, wet																					
11		[Hatched Pattern]	12	SS	2																		
12		[Hatched Pattern]	2	Vane																			
13		[Hatched Pattern]																					
14		[Hatched Pattern]	14	SS	2																		
15		[Hatched Pattern]																					
16		[Hatched Pattern]	1	TW																			
16.3	<b>SAND AND GRAVEL:</b> trace silt, trace clay, reddish brown, wet, compact to loose.	[Dotted Pattern]																					
17		[Dotted Pattern]	16	SS	15																		
18		[Dotted Pattern]																					
18.4	<b>SILTY CLAY:</b> trace sand, trace gravel, trace shale fragments, reddish brown, wet, stiff to firm.	[Hatched Pattern]	17	SS	8																		
19		[Hatched Pattern]																					
20		[Hatched Pattern]																					

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-05

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)									WATER CONTENT (%)		
Continued	<b>SILTY CLAY:</b> trace sand, trace gravel, trace shale fragments, reddish brown, wet, stiff to firm.(Continued)		18	SS	5														
21				3	Vane														
22																			
23																			
23.8	<b>BEDROCK:</b> Coring began at 23.77m Refer to Rock Core Log		1	RC															
24																			
25.0	<b>END OF BOREHOLE</b> Notes: 1) Borehole was sealed with bentonite and cement grouting. 2) TW denotes thin wall shelly tube sample.																		

2.4  
+59

WSP 02-03-2014 10:30 AM 2014-03-03 10:30 AM 2014-03-03 10:30 AM



LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/Mud Rotary  
 Diameter: 203 mm  
 Date: Dec-15-2020 to Dec-16-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
0.0	Ground Surface														
0.1	ASPHALT: 100mm FILL: crusher run limestone, grey, moist, very dense to compact.	[Cross-hatch pattern]	1	SS	70/ 200mm										
1	contains silty sand pockets,	[Cross-hatch pattern]	2	SS	35										
1.8	FILL: silty clay, some sand, trace gravel, trace organics, greyish brown, moist, stiff to firm.	[Cross-hatch pattern]	3	SS	10										
2		[Cross-hatch pattern]	4	SS	7										
3		[Cross-hatch pattern]	5	SS	8										
3.8	FILL: crusher run limestone, grey, wet, very loose to loose.	[Cross-hatch pattern]	6	SS	4										
4.6	FILL: clayey silt, sandy, trace gravel, trace organics, brown, moist to wet, firm to soft.	[Cross-hatch pattern]	7	SS	4										
5.7	75mm crushed stone layer SILTY CLAY: some sand, trace gravel, trace organics, trace peat, grey, moist, soft (Alluvial Deposit).	[Cross-hatch pattern]	8	SS	3										
6		[Cross-hatch pattern]	1	Vane											
7.2	ORGANIC CLAYEY SILT: interval with peat seams and layer, sandy, trace rootlets, dark brown, moist, soft to firm.	[Cross-hatch pattern]	10	SS	4										
9.3	SILTY CLAY: trace sand, contains reddish brown silt layers, grey, wet, very soft to hard.	[Cross-hatch pattern]	11	SS	0										

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2021 10:30 AM 2021-11-16 10:30 AM 2021-11-16 10:30 AM 2021-11-16 10:30 AM



LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/Mud Rotary  
 Diameter: 203 mm  
 Date: Dec-15-2020 to Dec-16-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)									
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100	20	40	60	80	100	10
Continued	<b>SILTY CLAY:</b> trace sand, contains reddish brown silt layers, grey, wet, very soft to hard. (Continued)																							
11			2	Vane																				
12																								
13	reddish grey		13	SS	1																			
14			1	TW																				
15	150mm wet grey sandy silt layer		15	SS	16																			
16																								
17	contains reddish brown silt seams		16	SS	31																			
17.8	<b>SANDY GRAVEL:</b> trace silt, trace clay, reddish grey, wet, dense.																							
18			17	SS	48																			
19																								
19.4	<b>COARSE SAND:</b> trace to some gravel, trace silt, trace clay, grey, wet, compact to very dense.																							
20																								

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity

○ = 3% Strain at Failure

WSP 02-03-2020 10:30 AM 201-11602-00-01  
 WSP 02-03-2020 10:30 AM 201-11602-00-01



# LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/Mud Rotary  
 Diameter: 203 mm  
 Date: Dec-15-2020 to Dec-16-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
Continued														
21	COARSE SAND: trace to some gravel, trace silt, trace clay, grey, wet, compact to very dense.(Continued)  150mm dilatant reddish brown sandy silt layer, trace cobbles/boulders		18	SS	28									
22			19	SS	92/ 300mm									
22.4			20	SS	50/ 100									
23	SANDY GRAVEL: trace silt, trace clay, trace cobbles, grey, wet, very dense.													
24	BEDROCK:		21	SS/NR	50/ initial 0mm									
27.4			22	SS	50/ initial 25mm									
28														
29														
30														

Continued Next Page

**GROUNDWATER ELEVATIONS**

Measurement 1st 2nd 3rd 4th

**GRAPH NOTES**

+ 3 , x 3 : Numbers refer to Sensitivity

○ = 3% Strain at Failure

NSR 02-03-2014 03:00:00





LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/Mud Rotary
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-15-2020 to Dec-16-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.: ORIGINATED BY AKJ COMPILED BY BW CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						W <sub>p</sub>
	Continued <b>BEDROCK:</b> (Continued)													
30.5	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelly tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 28.35m and 30.48m.  Water Level measured in monitoring well: Date            W.L.Depth (m)		23	SS	50	initial 25mm								

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**GROUNDWATER ELEVATIONS**  
Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH06 S

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-17-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
0.0	Ground Surface																
0.1	Direct Drilling to Depth of 15.24 Without Sampling																
	Lithology Inferred from BH-06 (Deep)																
1.8																	
3.8																	
4.6																	
5.7																	
7.2																	
9.3																	

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2020 15:30:00  
 WSP 02/03/2020 15:30:00  
 WSP 02/03/2020 15:30:00



LOG OF BOREHOLE BH06 S

PROJECT: Geotechnical Investigation REF. NO.: 201-11602-00  
 CLIENT: Regional Municipality of Niagara Method: Hollow Stem Augers ENCL NO.:  
 PROJECT LOCATION: Niagara Region Sanitary Sewer Diameter: 203 mm  
 DATUM: Geodetic Date: Dec-17-2020  
 BH LOCATION: See Borehole Location Plan Equipment: Pontil Drilling CME 75 (Truck)

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT 20 40 60 80 100	PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m									
Continued														
11														
12														
13														
14														
15														
15.2	<p>Note:            1) Borehole was sealed with bentonite.            2) 50 mm monitoring well was installed upon completion, screened between 12.19m and 15.24m.</p> <p>Water Level measured in monitoring well:            Date                    W.L.Depth (m)</p>													

NSR 02-007-MAN-2015-015-018

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers//Mud Rotary/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	ENCL NO.:
DATUM: Geodetic	Diameter: 203 mm/63mm
BH LOCATION: See Borehole Location Plan	Date: Dec-21-2020 to Dec-22-2020
	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT (W <sub>p</sub> )	NATURAL MOISTURE CONTENT (W)	LIQUID LIMIT (W <sub>L</sub> )	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface															
0.1	<b>GRANULAR FILL:</b> crusher run limestone, grey, moist, compact. <b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, grey, moist, very stiff to stiff.	[Hatched Pattern]	1	SS	19											
1		[Hatched Pattern]	2	SS	9											
1.7	<b>SILTY CLAY:</b> trace sand, contains reddish brown silt seams, brown, moist, very stiff to very soft.	[Hatched Pattern]	3	SS	18											
2		[Hatched Pattern]	4	SS	17											
3		[Hatched Pattern]	5	SS	14											
4		[Hatched Pattern]	6	SS	7											
5		[Hatched Pattern]	7	SS	8											
6	----- grey	[Hatched Pattern]	8	SS	7											
6		[Hatched Pattern]	9	SS	4											
7		[Hatched Pattern]														
8		[Hatched Pattern]	1	Vane												
9		[Hatched Pattern]														
9	----- contains dilatant silt layers	[Hatched Pattern]	11	SS	2											
10		[Hatched Pattern]														

Continued Next Page			GROUNDWATER ELEVATIONS	GRAPH NOTES	+ 3, × 3: Numbers refer to Sensitivity	○ = 3% Strain at Failure
Measurement	1st	2nd	3rd	4th		
▼	▼	▼	▼	▼		



LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers//Mud Rotary/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-21-2020 to Dec-22-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
Continued																
11	SILTY CLAY: trace sand, contains reddish brown silt seams, brown, moist, very stiff to very soft.(Continued)		1	TW												
12			13	SS	1											
14	SILT: trace to some clay, trace sand, dilatant, reddish brown, wet, loose to very dense.		2	Vane												
15			15	SS	8											
16	some sand to sandy between 16.8m to 20.4m		17	SS	50											
18			18	SS	58											
19																

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement

GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

WSP 02 000 444 330 007 018  
 WSP 02 000 444 330 007 018



LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers//Mud Rotary/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-21-2020 to Dec-22-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
	Continued																
	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet, loose to very dense. (Continued)		19	SS	55												
21																	
			20	SS	56												
22																	
23																	
24																	
24.7	<b>CLAYEY SILT TILL:</b> sandy, trace to some gravel, grey, moist to wet, stiff.		21	SS	13												
25																	
26																	
26.4	<b>BEDROCK:</b> Coring began at 27.13m Refer to Rock Core Log																
27																	
			1	RC													
28																	
			2	RC													
29																	
30			3	RC													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02-03-2014 08:30:00  
 WSP 02-03-2014 08:30:00  
 WSP 02-03-2014 08:30:00



LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers//Mud Rotary/HQ Core ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm ORIGINATED BY SL
DATUM: Geodetic	Date: Dec-21-2020 to Dec-22-2020 COMPILED BY BW
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck) CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
	Continued																
	<b>BEDROCK:</b> Coring began at 27.13m Refer to Rock Core Log(Continued)																
30.7	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelly tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 27.43m and 30.48m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)																

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**GROUNDWATER ELEVATIONS**  
Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH-07 S

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-23-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							W <sub>p</sub>
0.0	Ground Surface														
0.1	Direct Drilling to Depth of 19.81 Without Sampling														
	Lithology Inferred from BH-07 (Deep)														
1.7															
2															
3															
4															
5															
6															
7															
8															
9															
10															



PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-23-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)										W <sub>p</sub>
Continued																		
11																		
12																		
13																		
14																		
14.8																		
15																		
16																		
17																		
18																		
19																		
19.8	<b>END OF BOREHOLE</b>																	

Continued Next Page

**GROUNDWATER ELEVATIONS**

Measurement

**GRAPH NOTES**

+ 3 , × 3 : Numbers refer to Sensitivity

○ = 3% Strain at Failure



LOG OF BOREHOLE BH-07 S

PROJECT: Geotechnical Investigation REF. NO.: 201-11602-00  
 CLIENT: Regional Municipality of Niagara Method: Hollow Stem Augers ENCL NO.:  
 PROJECT LOCATION: Niagara Region Sanitary Sewer Diameter: 203 mm ORIGINATED BY AKJ  
 DATUM: Geodetic Date: Dec-23-2020 COMPILED BY BW  
 BH LOCATION: See Borehole Location Plan Equipment: Pontil Drilling CME 75 (Truck) CHECKED BY MK

SOIL PROFILE			SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m³)	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m				20 40 60 80 100	20 40 60 80 100	PLASTIC LIMIT	NATURAL MOISTURE CONTENT			
Continued															
	Note: 1) 50 mm monitoring well was installed upon completion, screened between 16.76m and 19.81m.  Water Level measured in monitoring well: Date W.L.Depth (m)														

WSP CO. INCORPORATED 2021 Q4  
WSP BORING LOG #20111602-00-07-121

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3: Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	METHOD: Hollow Stem Augers/HQ Core
DATUM: Geodetic	Diameter: 203 mm/63mm
BH LOCATION: See Borehole Location Plan	Date: Dec-18-2020 to Dec-18-2020
	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT	PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m									
0.0	Ground Surface FILL: topsoil with silty clay pockets, trace sand, trace gravel, greyish brown, moist, firm.	[Cross-hatched pattern]	1	SS	5		Concrete							
0.8	FILL: silty clay, trace sand, trace gravel, trace organics, greyish brown, stiff.		2	SS	11		Sand							
1.5	SILTY CLAY: trace sand, brown, moist, very stiff to very soft.		3	SS	17									
	contains reddish brown silt seams		4	SS	13									
			5	SS	9									
			6	SS	9									
	grey		7	SS	6									
			8	SS	6									
	reddish grey, wet		9	SS	4									
			1	Vane					2.0 +28					
			11	SS	3									

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement  $\nabla_{1st}$   $\nabla_{2nd}$   $\nabla_{3rd}$   $\nabla_{4th}$

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02-03-2019 (REVISED) 03/2017 GLE  
 WSP 02-03-2019 (REVISED) 03/2017 GLE



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
						20 40 60 80 100 ○ UNCONFINED + FIELD VANE & Sensitivity ● QUICK TRIAXIAL × LAB VANE				W <sub>p</sub>	W	W <sub>L</sub>	GR SA SI CL	
Continued														
11	<b>SILTY CLAY:</b> trace sand, brown, moist, very stiff to very soft.(Continued)		1	TW										
12			13	SS	0									
13														
13.3	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet, compact.		14	SS	18									
14														
14.8	<b>SILTY CLAY:</b> trace sand, contains dilatant silt seams, grey, wet, very soft to stiff.		15	SS	0									
15														
16														
17			2	Vane					20 +31					
18														
19			17	SS	5									
20														
	trace gravel, trace limestone													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, ×3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-18-2020 to Dec-18-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
						20 40 60 80 100 ○ UNCONFINED + FIELD VANE & Sensitivity ● QUICK TRIAXIAL × LAB VANE				W <sub>p</sub>	W	W <sub>L</sub>	GR SA SI CL	
Continued														
21	fragments, contains dilatant silt layers <b>SILTY CLAY:</b> trace sand, contains dilatant silt seams, grey, wet, very soft to stiff. (Continued)		18	SS	7									1 5 59 35
22			19	SS	12									
23.2	<b>SILT:</b> trace to some clay, trace sand, trace gravel, dilatant, reddish brown, wet, compact.													
24			20	SS	26									
26														
27														
28	some gravel, trace shale fragments		21	SS	14									
29.3	<b>BEDROCK:</b> Coring began at 29.26m Refer to Rock Core Log		1	RC										

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2021 10:30 AM 2021-01-14 10:30 AM 2021-01-14 10:30 AM



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
						20 40 60 80 100 ○ UNCONFINED + FIELD VANE & Sensitivity ● QUICK TRIAXIAL × LAB VANE				W <sub>p</sub> W W <sub>L</sub>		GR SA SI CL		
Continued	<b>BEDROCK:</b>													
	Coring began at 29.26m Refer to Rock Core Log(Continued)		2	RC										
31			3	RC										
32			4	RC										
33			5	RC										
34			6	RC										
35			7	RC										
36			8	RC										
37														
38														
39														
39.6	<b>END OF THE BOREHOLE</b> Note: 1) 50 mm monitoring well was													

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

WSP 02/03/2021 10:30 AM 2021-01-07 08:58:00  
 WSP 02/03/2021 10:30 AM 2021-01-07 08:58:00



PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)				W <sub>p</sub>	W	W <sub>L</sub>						
	Continued																	
	installed upon completion, screened between 36.55m and 39.60m.																	
	Water Level measured in monitoring well: Date            W.L.Depth (m)																	

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LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface															
0.1	ASPHALT: 100mm GRANULAR FILL: sand and gravel, trace silt, trace clay, grey, moist, compact to dense,		1	SS	30											
0.8	FILL: crusher run limestone, contains silty sand pockets, grey, moist, compact to loose.		2	SS	19											
			3	SS	8											
			4	SS	10											
			5	SS	18											
			6	SS	8											
4.7	SILTY CLAY: trace sand, contains silt seams, grey, moist, very soft to stiff.		7	SS	4											
			8	SS	1											
			1	Vane												
			10	SS	4											
			1	TW												





LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
Continued	<b>SILTY CLAY:</b> trace sand, contains silt seams, grey, moist, very soft to stiff. (Continued)		12	SS	10											0 5 (95)
11.7	<b>SILT:</b> trace clay, trace sand, dilatant, reddish brown, wet, firm to stiff.		13	SS	8											
13.3	<b>SILTY CLAY:</b> trace sand, trace gravel, contains dilatant silt seams and shale fragments, reddish brown, wet, stiff to firm.		14	SS	10											
			15	SS	4											5 8 (87)
			2	Vane												2,3 +56
			17	SS	8											0 4 58 38
19.9																

Continued Next Page

GROUNDWATER ELEVATIONS      GRAPH NOTES      + 3, × 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

Measurement      1st      2nd      3rd      4th



LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)								
	Continued															
	<b>CLAYEY SILT TILL / SHALE COMPLEX:</b> sandy, trace gravel, contains shale/limestone fragments, grey, wet, hard.(Continued)		18	SS	54											
21	<b>BEDROCK:</b> Coring began at 21.34m Refer to Rock Core Log		1	RC												
22			2	RC												
23			3	RC												
24			4	RC												
25			5	RC												
26			6	RC												
27																
28																
29.3	<b>END OF BOREHOLE</b> Notes: 1) Borehole was sealed with bentonite and cement grouting. 2) TW denotes thin wall Shelby tube															

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement

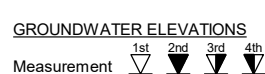
GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



## LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	Method: Hollow Stem Augers/HQ Core	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Diameter: 203 mm/63mm	ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	Date: Dec-09-2020 to Dec-10-2020	ORIGINATED BY SL
DATUM: Geodetic	Equipment: Pontil Drilling CME 75 (Truck)	COMPILED BY BW
BH LOCATION: See Borehole Location Plan		CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT					PLASTIC LIMIT  W <sub>p</sub>	NATURAL MOISTURE CONTENT  W	LIQUID LIMIT  W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)		
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)												
					20	40	60	80	100							GR	SA	SI	CL
	Continued sample.																		



**GRAPH NOTES**    + 3, × 3: Numbers refer to Sensitivity    ○ = 3% Strain at Failure

NSR 02 (REV. 04/11) (SP-1) (SPP) (SPP) (SPP)



LOG OF BOREHOLE BH-10

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
0.0	Ground Surface <b>TOPSOIL:</b> 200mm				Concrete									
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, greyish brown, moist, firm to very stiff.	1	SS	6	Sand									
1		2	SS	14										
1.7	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to firm.	3	SS	21										
	reddish brown	4	SS	19										
		5	SS	13	Holeplug									
		6	SS	11										1 5 54 40
	brownish grey	7	SS	9										
	grey, wet	8	SS	6										
		9	SS	5	Sand									
		1	Vane											
					Screen									
	contains reddish brown silt layers	11	SS	6										
9.8	<b>END OF THE BOREHOLE</b>													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-10

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	PLASTIC LIMIT			NATURAL MOISTURE CONTENT	LIQUID LIMIT	W <sub>p</sub>	W				W <sub>L</sub>
	Continued														
	Note: 1) 50 mm monitoring well was installed upon completion, screened between 6.71m and 9.75m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)														

GROUNDWATER ELEVATIONS                      GRAPH NOTES                      + 3 , × 3 : Numbers refer to Sensitivity                      ○ = 3% Strain at Failure

Measurement                      1st                      2nd                      3rd                      4th

WSP CO. PROJECT NO. 201-11602-00-01



LOG OF BOREHOLE BH-11

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)									WATER CONTENT (%)
0.0	Ground Surface																
0.0	<b>TOPSOIL:</b> 150mm																
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, brown, moist, firm to very stiff.		1	SS	7												
1.0			2	SS	27												
1.8	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to very soft.		3	SS	19												
	reddish brown		4	SS	14												
			5	SS	8												
			6	SS	8												
			7	SS	10												
			8	SS	6												
	grey		9	SS	2												
	wet																
			1	Vane													
			11	SS	4												0 4 49 47
9.8	<b>END OF THE BOREHOLE</b>																

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-11

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT					POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)					PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT			
Continued															
	Note: 1) 50 mm monitoring well was installed upon completion, screened between 6.71m and 9.75m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)														

GROUNDWATER ELEVATIONS                      GRAPH NOTES                      + 3, x 3: Numbers refer to Sensitivity                      ○ = 3% Strain at Failure  
 Measurement    1st 2nd 3rd 4th

WSP 02/01/2021 10:00 AM 2021-11-21 10:00 AM 2021-11-21 10:00 AM



# LOG OF BOREHOLE BH-12A

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

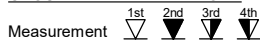
Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-10-2020 to Dec-10-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY: AKJ  
 COMPILED BY: BW  
 CHECKED BY: MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
0.0	Ground Surface <b>TOPSOIL:</b> 230mm													
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, greyish brown, moist, stiff.  100mm silty sand layers		1	SS	9									
			2	SS	11									
1.5	<b>SILTY CLAY:</b> trace sand, contains silt seams, reddish brown, moist, very stiff to very soft.  reddish brown to grey		3	SS	19									
	grey		4	SS	10									
	wet		5	SS	8									
			6	SS	5									
			1	Vane			1.4 +24							
	contains dilatant silt layers		8	SS	1									
			1	TW										
			10	SS	3									
	trace shale fragments		11	SS	2									1 6 55 38
9.8	<b>END OF THE BOREHOLE</b>													

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 2020-08-24 10:30 AM 3030 BT GLE  
 WSP 2020-10-10 09:31 AM 3030 BT GLE





# LOG OF BOREHOLE BH-12A

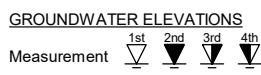
PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-10-2020 to Dec-10-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY: AKJ  
 COMPILED BY: BW  
 CHECKED BY: MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)												
Continued																	
	Note: 1) 50 mm monitoring well was installed upon completion, screened between 6.71m and 9.75m.																
	Water Level measured in monitoring well: Date                    W.L.Depth (m)																

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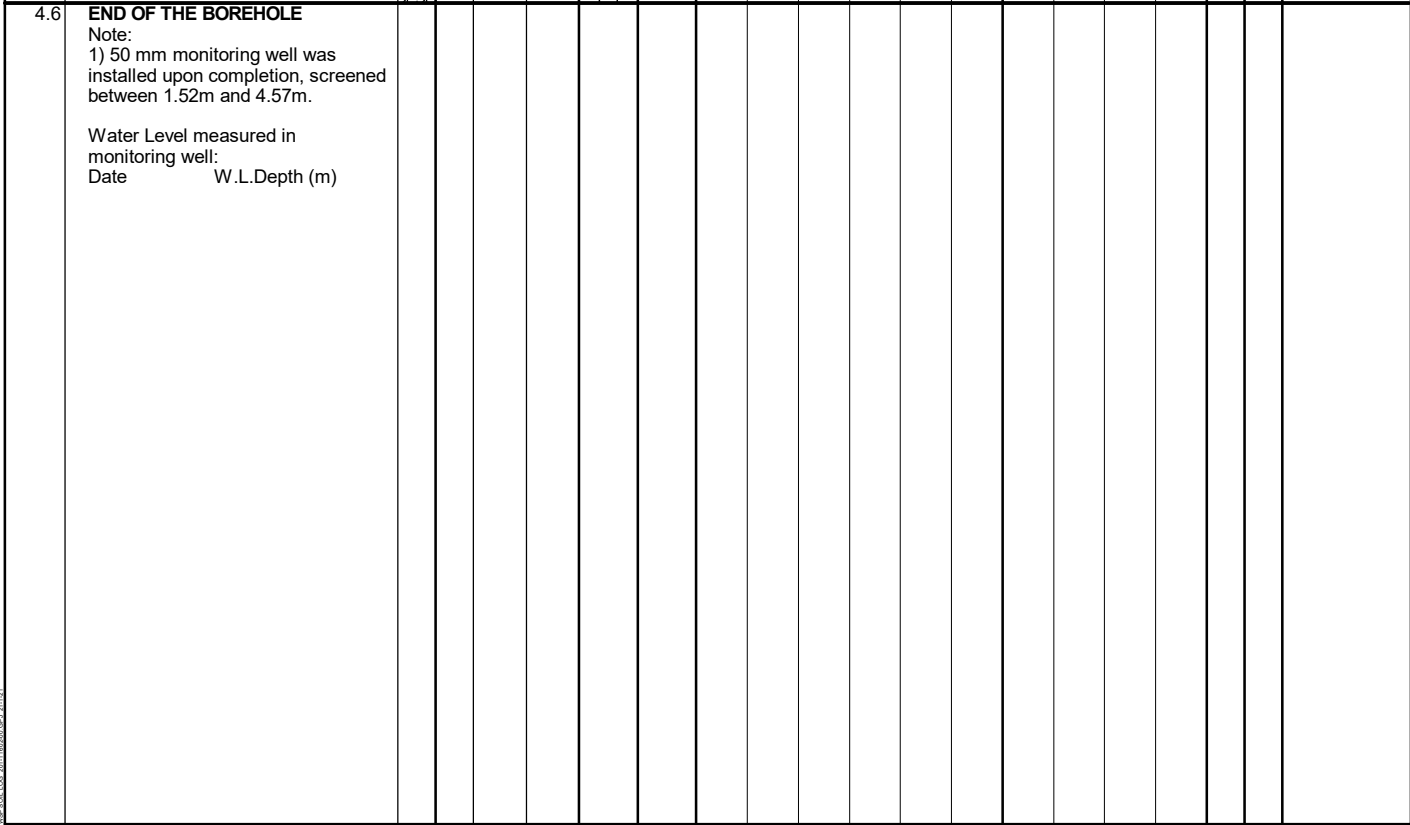
**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure



# LOG OF BOREHOLE BH-12B

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	Method: Hollow Stem Augers
DATUM: Geodetic	Diameter: 203 mm
BH LOCATION: See Borehole Location Plan	Date: Dec-10-2020 to Dec-10-2020
	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	20						
0.0	Ground Surface													
0.2	<b>TOPSOIL:</b> 150mm <b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, brownish grey, moist, stiff to very stiff.		1	SS	11	Concrete								
	300mm silty sand layers		2	SS	17	Sand								
						Holeplug								
1.3	<b>SILTY CLAY:</b> trace sand, contains silt seams, reddish brown, moist, very stiff to firm.		3	SS	17	Sand								
			4	SS	13									
	grey		5	SS	6									
	wet		6	SS	6	Screen								
4.6	<b>END OF THE BOREHOLE</b> Note: 1) 50 mm monitoring well was installed upon completion, screened between 1.52m and 4.57m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)													



**GROUNDWATER ELEVATIONS**  
 Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure

WSP 02/03/2014/04/05/06/07/08/09/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52

**APPENDIX B**  
**LABORATORY CERTIFICATES OF ANALYSES**

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 8-Dec-2020  
Order Date: 3-Dec-2020

**Order #: 2049378**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2049378-01	BH-03-3-C		
2049378-02	BH-03-6-D		
2049378-03	Dup AB		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	5-Dec-20	5-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	4-Dec-20	7-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	7-Dec-20	8-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	4-Dec-20	4-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	7-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	4-Dec-20	7-Dec-20
SAR	Calculated	4-Dec-20	7-Dec-20
Solids, %	Gravimetric, calculation	2-Dec-20	4-Dec-20

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-03-3-C	BH-03-6-D	Dup AB	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	02-Dec-2020	02-Dec-2020	02-Dec-2020	-	
<b>Sample ID:</b>	2049378-01	2049378-02	2049378-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	79.1	79.2	79.6	-	
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**General Inorganics**

SAR	0.01 N/A	1.02	-	-	-	2.4	N/A
Conductivity	5 uS/cm	440	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.74	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	4.9	-	-	-	18	ug/g
Barium	1.0 ug/g	131	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	14.9	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	22.3	-	-	-	70	ug/g
Cobalt	1.0 ug/g	11.1	-	-	-	21	ug/g
Copper	5.0 ug/g	17.4	-	-	-	92	ug/g
Lead	1.0 ug/g	10.7	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	31.1	-	-	-	86	ug/g

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-03-3-C	BH-03-6-D	Dup AB	-	Criteria:	
	Sample Date:	02-Dec-2020	02-Dec-2020	02-Dec-2020	-	Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample ID:	2049378-01	2049378-02	2049378-03	-		
	Matrix:	Soil	Soil	Soil	-		
	MDL/Units						
Zinc	20.0 ug/g	50.6	-	-	-	290	ug/g

Volatiles							
Acetone	0.50 ug/g	-	<0.50	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g	-	<0.02	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g	-	<0.05	<0.05	-		
1,2-Dichloropropane	0.05 ug/g	-	<0.05	<0.05	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g	-	<0.05	<0.05	-		



Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-03-3-C	BH-03-6-D	Dup AB	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	02-Dec-2020	02-Dec-2020	02-Dec-2020	-		
		Sample ID:	2049378-01	2049378-02	2049378-03	-		
		Matrix:	Soil	Soil	Soil	-		
trans-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	<0.05	-		
1,3-Dichloropropene, total	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Hexane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	<0.50	<0.50	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	<0.50	<0.50	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Styrene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	<0.05	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	<0.05	<0.05	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	<0.02	<0.02	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	<0.05	-		
o-Xylene	0.05 ug/g		-	<0.05	<0.05	-		
Xylenes, total	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	116%	115%	-		
Dibromofluoromethane	Surrogate		-	99.6%	99.3%	-		
Toluene-d8	Surrogate		-	95.9%	96.0%	-		

Certificate of Analysis

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Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-03-3-C	BH-03-6-D	Dup AB	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	02-Dec-2020	02-Dec-2020	02-Dec-2020	-	
<b>Sample ID:</b>	2049378-01	2049378-02	2049378-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	<7	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	<4	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	<8	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	<6	-	120	ug/g

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.98		ug/g		112	50-140			
Surrogate: Dibromofluoromethane	8.20		ug/g		102	50-140			
Surrogate: Toluene-d8	7.72		ug/g		95.8	50-140			

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.11	0.01	N/A	0.11			0.0	30	
Conductivity	118	5	uS/cm	121			2.4	5	
pH	7.64	0.05	pH Units	7.67			0.4	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	9.5	1.0	ug/g	ND			NC	30	
Arsenic	4.5	1.0	ug/g	4.2			6.1	30	
Barium	117	1.0	ug/g	121			3.5	30	
Beryllium	1.0	0.5	ug/g	1.0			3.5	30	
Boron	16.8	5.0	ug/g	15.2			10.1	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	28.0	5.0	ug/g	28.8			2.8	30	
Cobalt	12.5	1.0	ug/g	12.5			0.7	30	
Copper	21.2	5.0	ug/g	21.6			2.0	30	
Lead	9.8	1.0	ug/g	9.3			4.8	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	27.2	5.0	ug/g	28.8			5.9	30	
Selenium	1.2	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.1	1.0	ug/g	ND			NC	30	
Vanadium	38.3	10.0	ug/g	39.2			2.4	30	
Zinc	55.3	20.0	ug/g	60.8			9.5	30	
<b>Physical Characteristics</b>									
% Solids	80.8	0.1	% by Wt.	80.3			0.6	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	8.50		ug/g		114	50-140			
Surrogate: Dibromofluoromethane	6.03		ug/g		80.8	50-140			
Surrogate: Toluene-d8	7.11		ug/g		95.3	50-140			

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	66	7	ug/g	ND	93.3	80-120			
F2 PHCs (C10-C16)	89	4	ug/g	ND	90.4	60-140			
F3 PHCs (C16-C34)	228	8	ug/g	ND	103	60-140			
F4 PHCs (C34-C50)	137	6	ug/g	ND	86.0	60-140			
<b>Metals</b>									
Antimony	128	1.0	ug/g	ND	102	70-130			
Arsenic	126	1.0	ug/g	4.2	97.5	70-130			
Barium	235	1.0	ug/g	121	91.1	70-130			
Beryllium	113	0.5	ug/g	1.0	89.7	70-130			
Boron	123	5.0	ug/g	15.2	86.6	70-130			
Cadmium	117	0.5	ug/g	ND	93.3	70-130			
Chromium	144	5.0	ug/g	28.8	91.9	70-130			
Cobalt	126	1.0	ug/g	12.5	90.7	70-130			
Copper	135	5.0	ug/g	21.6	90.8	70-130			
Lead	124	1.0	ug/g	9.3	91.7	70-130			
Molybdenum	118	1.0	ug/g	ND	94.5	70-130			
Nickel	142	5.0	ug/g	28.8	90.9	70-130			
Selenium	121	1.0	ug/g	ND	96.8	70-130			
Silver	109	0.3	ug/g	ND	87.0	70-130			
Thallium	115	1.0	ug/g	ND	92.2	70-130			
Uranium	118	1.0	ug/g	ND	94.3	70-130			
Vanadium	156	10.0	ug/g	39.2	93.6	70-130			
Zinc	173	20.0	ug/g	60.8	89.8	70-130			
<b>Volatiles</b>									
Acetone	16.8	0.50	ug/g	ND	86.1	50-140			
Benzene	6.70	0.02	ug/g	ND	83.7	60-130			
Bromodichloromethane	6.73	0.05	ug/g	ND	84.1	60-130			
Bromoform	7.07	0.05	ug/g	ND	88.4	60-130			
Bromomethane	7.13	0.05	ug/g	ND	88.7	50-140			
Carbon Tetrachloride	6.08	0.05	ug/g	ND	75.9	60-130			
Chlorobenzene	7.10	0.05	ug/g	ND	88.3	60-130			
Chloroform	6.97	0.05	ug/g	ND	86.7	60-130			
Dibromochloromethane	6.97	0.05	ug/g	ND	87.1	60-130			

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	6.69	0.05	ug/g	ND	83.2	50-140			
1,2-Dibromoethane	7.62	0.05	ug/g	ND	94.8	60-130			
1,2-Dichlorobenzene	8.59	0.05	ug/g	ND	107	60-130			
1,3-Dichlorobenzene	7.97	0.05	ug/g	ND	99.2	60-130			
1,4-Dichlorobenzene	7.02	0.05	ug/g	ND	87.3	60-130			
1,1-Dichloroethane	7.09	0.05	ug/g	ND	88.2	60-130			
1,2-Dichloroethane	6.73	0.05	ug/g	ND	83.7	60-130			
1,1-Dichloroethylene	6.22	0.05	ug/g	ND	77.4	60-130			
cis-1,2-Dichloroethylene	6.95	0.05	ug/g	ND	86.4	60-130			
trans-1,2-Dichloroethylene	7.03	0.05	ug/g	ND	87.5	60-130			
1,2-Dichloropropane	7.14	0.05	ug/g	ND	88.8	60-130			
cis-1,3-Dichloropropylene	7.18	0.05	ug/g	ND	89.3	60-130			
trans-1,3-Dichloropropylene	7.44	0.05	ug/g	ND	92.6	60-130			
Ethylbenzene	7.07	0.05	ug/g	ND	88.4	60-130			
Hexane	8.59	0.05	ug/g	ND	107	60-130			
Methyl Ethyl Ketone (2-Butanone)	16.4	0.50	ug/g	ND	80.1	50-140			
Methyl Isobutyl Ketone	16.9	0.50	ug/g	ND	86.5	50-140			
Methyl tert-butyl ether	15.0	0.05	ug/g	ND	74.9	50-140			
Methylene Chloride	6.46	0.05	ug/g	ND	80.8	60-130			
Styrene	7.00	0.05	ug/g	ND	87.0	60-130			
1,1,1,2-Tetrachloroethane	6.72	0.05	ug/g	ND	83.6	60-130			
1,1,2,2-Tetrachloroethane	6.63	0.05	ug/g	ND	82.5	60-130			
Tetrachloroethylene	8.53	0.05	ug/g	ND	106	60-130			
Toluene	6.75	0.05	ug/g	ND	84.4	60-130			
1,1,1-Trichloroethane	6.43	0.05	ug/g	ND	80.0	60-130			
1,1,2-Trichloroethane	7.89	0.05	ug/g	ND	98.1	60-130			
Trichloroethylene	7.16	0.05	ug/g	ND	89.1	60-130			
Trichlorofluoromethane	5.40	0.05	ug/g	ND	67.5	50-140			
Vinyl chloride	6.90	0.02	ug/g	ND	85.8	50-140			
m,p-Xylenes	12.8	0.05	ug/g	ND	80.0	60-130			
o-Xylene	6.61	0.05	ug/g	ND	82.2	60-130			
Surrogate: 4-Bromofluorobenzene	17.1		ug/g		106	50-140			
Surrogate: Dibromofluoromethane	16.4		ug/g		102	50-140			
Surrogate: Toluene-d8	14.5		ug/g		90.0	50-140			



Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James St, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 905-687-6616	E-mail: kelly.patterson@woodplc.com	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)			Required Analysis																	
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	PHCs	VOCs	EC	SAR	pH									
<input checked="" type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																				
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm	Mun: _____																			
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Other: _____																						
Sample ID/Location Name				Date	Time																			
1	BH-03-1-C			S		1	Dec. 2/20	10:05																
2	BH-03-2-D			S		2	Dec. 2/20	10:15																
3	BH-03-3-C			S		1	Dec. 2/20	10:20	✓				✓	✓	✓									
4	BH-03-4-C			S		1	Dec. 2/20	10:25																
5	BH-03-6-D			S		2	Dec. 2/20	11:45		✓	✓													
6	BH0-3-8-C			S		1	Dec. 2/20	11:10																
7	BH-03-9-D			S		2	Dec. 2/20	11:25																
8	Dup AA			S		1	Dec. 2/20	-																
9	Dup AB			S		2	Dec. 2/20	-		✓	✓													
10																								

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.			Method of Delivery: <i>email</i>		
Relinquished By (Sign): <i>kelly.patterson</i> <small>Digitally signed by kelly.patterson Date: 2020.12.02 15:22:55 -0500</small>	Received By Driver/Depot: <i>Niagara BHomenuc</i>	Received at Lab: <i>AB</i>	Verified By: <i>BHomenuc</i>		
Relinquished By (Print): Braedan Huras	Date/Time: <i>3 Dec 20 900</i>	Date/Time: <i>3 Dec 20 15:40</i>	Date/Time: <i>3 Dec 20 1116</i>		
Date/Time: Dec. 2/20 @ 12:45	Temperature: <i>5</i> °C	Temperature: <i>2.7</i>	pH Verified: <input type="checkbox"/> By: <i>NA</i>		

*Sent all samples*

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 10-Dec-2020  
Order Date: 4-Dec-2020

**Order #: 2050005**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050005-01	BH-05-2-D		
2050005-02	BH-05-3-C		
2050005-03	BH-05-4-D		
2050005-04	BH-05-5-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	8-Dec-20	9-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	9-Dec-20	9-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	9-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	7-Dec-20	8-Dec-20
SAR	Calculated	8-Dec-20	8-Dec-20
Solids, %	Gravimetric, calculation	7-Dec-20	8-Dec-20
Texture - Coarse Med/Fine	Based on ASTM D2487	8-Dec-20	10-Dec-20

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-05-2-D	SAR	0.01 N/A	6.90	<b>2.4</b> N/A
BH-05-2-D	Conductivity	5 uS/cm	2270	<b>0.57</b> mS/cm

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
	Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					

**Physical Characteristics**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	
% Solids	0.1 % by Wt.	87.6	80.0	83.4	-	
>75 um	0.1 %	-	-	-	8.6	
<75 um	0.1 %	-	-	-	91.4	
Texture	0.1 %	-	-	-	Med/Fine	

**General Inorganics**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria
SAR	0.01 N/A	6.90	-	-	-	2.4 N/A
Conductivity	5 uS/cm	2270	-	-	-	0.57 mS/cm
pH	0.05 pH Units	7.42	-	-	-	5 - 9 pH units

**Metals**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria
Antimony	1.0 ug/g	-	<1.0	-	-	1.3 ug/g
Arsenic	1.0 ug/g	-	4.7	-	-	18 ug/g
Barium	1.0 ug/g	-	133	-	-	220 ug/g
Beryllium	0.5 ug/g	-	1.0	-	-	2.5 ug/g
Boron	5.0 ug/g	-	14.4	-	-	36 ug/g
Cadmium	0.5 ug/g	-	<0.5	-	-	1.2 ug/g
Chromium	5.0 ug/g	-	30.1	-	-	70 ug/g
Cobalt	1.0 ug/g	-	16.1	-	-	21 ug/g
Copper	5.0 ug/g	-	23.8	-	-	92 ug/g
Lead	1.0 ug/g	-	13.3	-	-	120 ug/g
Molybdenum	1.0 ug/g	-	<1.0	-	-	2 ug/g
Nickel	5.0 ug/g	-	35.8	-	-	82 ug/g
Selenium	1.0 ug/g	-	<1.0	-	-	1.5 ug/g
Silver	0.3 ug/g	-	<0.3	-	-	0.5 ug/g

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020		
		Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04		
		Matrix:	Soil	Soil	Soil	Soil		
Thallium	1.0 ug/g		-	<1.0	-	-	1	ug/g
Uranium	1.0 ug/g		-	1.1	-	-	2.5	ug/g
Vanadium	10.0 ug/g		-	39.9	-	-	86	ug/g
Zinc	20.0 ug/g		-	68.6	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g		-	-	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria:
		Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
		Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	Reg 153/04 (2011)-Table 1 Residential/Industrial
		Matrix:	Soil	Soil	Soil	Soil	
1,2-Dichloroethylene, total	0.05 ug/g	-	-	<0.05	-		
1,2-Dichloropropane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
cis-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
trans-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
1,3-Dichloropropene, total	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Ethylbenzene	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Hexane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g	-	-	<0.50	-	0.5 ug/g	
Methyl Isobutyl Ketone	0.50 ug/g	-	-	<0.50	-	0.5 ug/g	
Methyl tert-butyl ether	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Methylene Chloride	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Styrene	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
1,1,1,2-Tetrachloroethane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
1,1,2,2-Tetrachloroethane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Tetrachloroethylene	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Toluene	0.05 ug/g	-	-	<0.05	-	0.2 ug/g	
1,1,1-Trichloroethane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
1,1,2-Trichloroethane	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Trichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05 ug/g	
Trichlorofluoromethane	0.05 ug/g	-	-	<0.05	-	0.25 ug/g	
Vinyl chloride	0.02 ug/g	-	-	<0.02	-	0.02 ug/g	
m,p-Xylenes	0.05 ug/g	-	-	<0.05	-		
o-Xylene	0.05 ug/g	-	-	<0.05	-		



Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
	Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					
Xylenes, total	0.05 ug/g	-	-	<0.05	-	0.05 ug/g
4-Bromofluorobenzene	Surrogate	-	-	114%	-	
Dibromofluoromethane	Surrogate	-	-	92.3%	-	
Toluene-d8	Surrogate	-	-	97.0%	-	

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.89		ug/g		111	50-140			
Surrogate: Dibromofluoromethane	8.02		ug/g		99.5	50-140			
Surrogate: Toluene-d8	7.73		ug/g		95.9	50-140			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.07	0.01	N/A	0.08			13.3	30	
Conductivity	296	5	uS/cm	300			1.3	5	
pH	7.27	0.05	pH Units	7.19			1.1	10	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	3.8	1.0	ug/g	3.7			4.5	30	
Barium	65.1	1.0	ug/g	62.8			3.7	30	
Beryllium	0.6	0.5	ug/g	0.5			10.5	30	
Boron	11.1	5.0	ug/g	9.1			19.6	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.0	5.0	ug/g	18.8			1.1	30	
Cobalt	8.6	1.0	ug/g	8.4			2.4	30	
Copper	18.5	5.0	ug/g	18.4			0.5	30	
Lead	11.9	1.0	ug/g	12.8			7.2	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	20.6	5.0	ug/g	20.5			0.5	30	
Selenium	1.0	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.1	10.0	ug/g	23.8			1.1	30	
Zinc	48.8	20.0	ug/g	43.6			11.4	30	
<b>Physical Characteristics</b>									
% Solids	91.5	0.1	% by Wt.	91.2			0.3	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	10.5		ug/g		113	50-140			
Surrogate: Dibromofluoromethane	9.29		ug/g		99.0	50-140			
Surrogate: Toluene-d8	8.98		ug/g		95.7	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 10-Dec-2020  
 Order Date: 4-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.8	70-130			
Arsenic	123	1.0	ug/g	3.7	95.8	70-130			
Barium	182	1.0	ug/g	62.8	95.6	70-130			
Beryllium	111	0.5	ug/g	0.5	88.2	70-130			
Boron	112	5.0	ug/g	9.1	82.0	70-130			
Cadmium	114	0.5	ug/g	ND	90.9	70-130			
Chromium	126	5.0	ug/g	18.8	86.0	70-130			
Cobalt	115	1.0	ug/g	8.4	85.1	70-130			
Copper	128	5.0	ug/g	18.4	87.9	70-130			
Lead	126	1.0	ug/g	12.8	90.7	70-130			
Molybdenum	114	1.0	ug/g	ND	91.2	70-130			
Nickel	132	5.0	ug/g	20.5	89.6	70-130			
Selenium	114	1.0	ug/g	ND	91.6	70-130			
Silver	111	0.3	ug/g	ND	89.0	70-130			
Thallium	113	1.0	ug/g	ND	90.7	70-130			
Uranium	115	1.0	ug/g	ND	92.0	70-130			
Vanadium	134	10.0	ug/g	23.8	88.3	70-130			
Zinc	157	20.0	ug/g	43.6	90.7	70-130			
<b>Volatiles</b>									
Acetone	14.7	0.50	ug/g	ND	75.2	50-140			
Benzene	6.90	0.02	ug/g	ND	86.2	60-130			
Bromodichloromethane	6.83	0.05	ug/g	ND	85.4	60-130			
Bromoform	7.34	0.05	ug/g	ND	91.8	60-130			
Bromomethane	7.80	0.05	ug/g	ND	97.0	50-140			
Carbon Tetrachloride	6.69	0.05	ug/g	ND	83.7	60-130			
Chlorobenzene	7.40	0.05	ug/g	ND	92.1	60-130			
Chloroform	7.27	0.05	ug/g	ND	90.5	60-130			
Dibromochloromethane	7.78	0.05	ug/g	ND	97.2	60-130			
Dichlorodifluoromethane	8.81	0.05	ug/g	ND	110	50-140			
1,2-Dibromoethane	7.58	0.05	ug/g	ND	94.3	60-130			
1,2-Dichlorobenzene	8.93	0.05	ug/g	ND	111	60-130			
1,3-Dichlorobenzene	8.26	0.05	ug/g	ND	103	60-130			
1,4-Dichlorobenzene	7.33	0.05	ug/g	ND	91.2	60-130			
1,1-Dichloroethane	7.30	0.05	ug/g	ND	90.8	60-130			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloroethane	6.72	0.05	ug/g	ND	83.5	60-130			
1,1-Dichloroethylene	6.78	0.05	ug/g	ND	84.4	60-130			
cis-1,2-Dichloroethylene	7.46	0.05	ug/g	ND	92.7	60-130			
trans-1,2-Dichloroethylene	7.56	0.05	ug/g	ND	94.0	60-130			
1,2-Dichloropropane	7.33	0.05	ug/g	ND	91.1	60-130			
cis-1,3-Dichloropropylene	7.34	0.05	ug/g	ND	91.3	60-130			
trans-1,3-Dichloropropylene	7.45	0.05	ug/g	ND	92.7	60-130			
Ethylbenzene	7.29	0.05	ug/g	ND	91.1	60-130			
Hexane	8.88	0.05	ug/g	ND	111	60-130			
Methyl Ethyl Ketone (2-Butanone)	14.8	0.50	ug/g	ND	72.2	50-140			
Methyl Isobutyl Ketone	16.9	0.50	ug/g	ND	86.7	50-140			
Methyl tert-butyl ether	16.4	0.05	ug/g	ND	82.1	50-140			
Methylene Chloride	6.57	0.05	ug/g	ND	82.1	60-130			
Styrene	7.04	0.05	ug/g	ND	87.5	60-130			
1,1,1,2-Tetrachloroethane	6.73	0.05	ug/g	ND	83.7	60-130			
1,1,2,2-Tetrachloroethane	6.09	0.05	ug/g	ND	75.8	60-130			
Tetrachloroethylene	9.03	0.05	ug/g	ND	112	60-130			
Toluene	7.08	0.05	ug/g	ND	88.5	60-130			
1,1,1-Trichloroethane	6.91	0.05	ug/g	ND	86.0	60-130			
1,1,2-Trichloroethane	7.98	0.05	ug/g	ND	99.2	60-130			
Trichloroethylene	7.44	0.05	ug/g	ND	92.6	60-130			
Trichlorofluoromethane	7.91	0.05	ug/g	ND	98.9	50-140			
Vinyl chloride	8.63	0.02	ug/g	ND	107	50-140			
m,p-Xylenes	13.1	0.05	ug/g	ND	82.0	60-130			
o-Xylene	6.78	0.05	ug/g	ND	84.4	60-130			
Surrogate: 4-Bromofluorobenzene	16.9		ug/g		106	50-140			
Surrogate: Dibromofluoromethane	16.2		ug/g		100	50-140			
Surrogate: Toluene-d8	14.4		ug/g		89.6	50-140			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

Sample Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.





Parcel Order Number (Lab Use Only) <i>2050005</i>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>1</u> of <u>1</u>
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 905-687-6616	E-mail: kelly.patterson@woodplc.com	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)				Required Analysis																	
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken	Date	Time	ICP Metals	pH	EC	SAR	Wash Pass 75 um	VOCs									
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																					
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agr/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																					
Sample ID/Location Name																									
1	BH-05-2-D	S		2	Dec. 4, 2020	9:25						✓	✓	✓											
2	BH-05-3-C	S		1	Dec. 4, 2020	9:35	✓																		
3	BH-05-4-D	S		2	Dec. 4, 2020	9:45										✓									
4	BH-05-5-C	S		1	Dec. 4, 2020	9:55								✓											
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.	Method of Delivery: <i>Drop-off</i>		
Relinquished By (Sign): <i>braedan.huras</i>	Received By (Driver/Depot): <i>Nigama</i>	Received at Lab: <i>Aer</i>	Verified By: <i>Aer</i>
Relinquished By (Print): Braedan Huras	Date/Time: <i>Dec 4 2020 10:45am</i>	Date/Time: <i>7-Dec-20 8:30</i>	Date/Time: <i>7-Dec-20 8:30</i>
Date/Time: December 4, 2020 @ 10:40	Temperature: <i>7°C</i>	Temperature: <i>9.7</i>	pH Verified: <input type="checkbox"/> By: _____

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 11-Dec-2020  
Order Date: 8-Dec-2020

**Order #: 2050129**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050129-01	BH-04-3-C		
2050129-02	BH-04-5-D		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	10-Dec-20	10-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	8-Dec-20	9-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	9-Dec-20	10-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	9-Dec-20	9-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	9-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	8-Dec-20	9-Dec-20
SAR	Calculated	10-Dec-20	10-Dec-20
Solids, %	Gravimetric, calculation	9-Dec-20	9-Dec-20

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-04-3-C	Conductivity	5 uS/cm	1360	0.57 mS/cm

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-04-3-C	BH-04-5-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	07-Dec-2020	07-Dec-2020	-	-	
<b>Sample ID:</b>	2050129-01	2050129-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	81.0	80.4	-	-		
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**General Inorganics**

SAR	0.01 N/A	2.02	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1360	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.63	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	6.0	-	-	-	18	ug/g
Barium	1.0 ug/g	82.3	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	10.0	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	21.1	-	-	-	70	ug/g
Cobalt	1.0 ug/g	10.8	-	-	-	21	ug/g
Copper	5.0 ug/g	25.0	-	-	-	92	ug/g
Lead	1.0 ug/g	9.5	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.6	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	30.2	-	-	-	86	ug/g

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-04-3-C	BH-04-5-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	07-Dec-2020	07-Dec-2020	-	-		
		Sample ID:	2050129-01	2050129-02	-	-		
		Matrix:	Soil	Soil	-	-		
Zinc	20.0 ug/g		50.8	-	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g		-	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-04-3-C	BH-04-5-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	07-Dec-2020	07-Dec-2020	-	-		
		Sample ID:	2050129-01	2050129-02	-	-		
		Matrix:	Soil	Soil	-	-		
trans-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		
1,3-Dichloropropene, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Hexane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Styrene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	<0.05	-	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	100%	-	-		
Dibromofluoromethane	Surrogate		-	88.5%	-	-		
Toluene-d8	Surrogate		-	98.1%	-	-		

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-04-3-C	BH-04-5-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	07-Dec-2020	07-Dec-2020	-	-	
<b>Sample ID:</b>	2050129-01	2050129-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	-	-	120	ug/g



Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 11-Dec-2020  
 Order Date: 8-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.11		ug/g		101	50-140			
Surrogate: Dibromofluoromethane	7.10		ug/g		88.2	50-140			
Surrogate: Toluene-d8	8.51		ug/g		106	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 11-Dec-2020  
 Order Date: 8-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.10	0.01	N/A	0.11			9.5	30	
Conductivity	223	5	uS/cm	216			3.2	5	
pH	7.27	0.05	pH Units	7.19			1.1	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	56			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	3.8	1.0	ug/g	3.7			4.5	30	
Barium	65.1	1.0	ug/g	62.8			3.7	30	
Beryllium	0.6	0.5	ug/g	0.5			10.5	30	
Boron	11.1	5.0	ug/g	9.1			19.6	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.0	5.0	ug/g	18.8			1.1	30	
Cobalt	8.6	1.0	ug/g	8.4			2.4	30	
Copper	18.5	5.0	ug/g	18.4			0.5	30	
Lead	11.9	1.0	ug/g	12.8			7.2	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	20.6	5.0	ug/g	20.5			0.5	30	
Selenium	1.0	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.1	10.0	ug/g	23.8			1.1	30	
Zinc	48.8	20.0	ug/g	43.6			11.4	30	
<b>Physical Characteristics</b>									
% Solids	84.9	0.1	% by Wt.	87.1			2.5	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	6.66		ug/g		97.1	50-140			
Surrogate: Dibromofluoromethane	6.14		ug/g		89.1	50-140			
Surrogate: Toluene-d8	6.68		ug/g		97.0	50-140			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	84	7	ug/g	ND	118	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	81.7	60-140			
F3 PHCs (C16-C34)	242	8	ug/g	56	85.2	60-140			
F4 PHCs (C34-C50)	144	6	ug/g	ND	91.8	60-140			
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.8	70-130			
Arsenic	123	1.0	ug/g	3.7	95.8	70-130			
Barium	182	1.0	ug/g	62.8	95.6	70-130			
Beryllium	111	0.5	ug/g	0.5	88.2	70-130			
Boron	112	5.0	ug/g	9.1	82.0	70-130			
Cadmium	114	0.5	ug/g	ND	90.9	70-130			
Chromium	126	5.0	ug/g	18.8	86.0	70-130			
Cobalt	115	1.0	ug/g	8.4	85.1	70-130			
Copper	128	5.0	ug/g	18.4	87.9	70-130			
Lead	126	1.0	ug/g	12.8	90.7	70-130			
Molybdenum	114	1.0	ug/g	ND	91.2	70-130			
Nickel	132	5.0	ug/g	20.5	89.6	70-130			
Selenium	114	1.0	ug/g	ND	91.6	70-130			
Silver	111	0.3	ug/g	ND	89.0	70-130			
Thallium	113	1.0	ug/g	ND	90.7	70-130			
Uranium	115	1.0	ug/g	ND	92.0	70-130			
Vanadium	134	10.0	ug/g	23.8	88.3	70-130			
Zinc	157	20.0	ug/g	43.6	90.7	70-130			
<b>Volatiles</b>									
Acetone	26.6	0.50	ug/g	ND	136	50-140			
Benzene	9.30	0.02	ug/g	ND	116	60-130			
Bromodichloromethane	9.31	0.05	ug/g	ND	116	60-130			
Bromoform	8.72	0.05	ug/g	ND	109	60-130			
Bromomethane	9.09	0.05	ug/g	ND	113	50-140			
Carbon Tetrachloride	8.48	0.05	ug/g	ND	106	60-130			
Chlorobenzene	8.73	0.05	ug/g	ND	109	60-130			
Chloroform	9.19	0.05	ug/g	ND	114	60-130			
Dibromochloromethane	9.05	0.05	ug/g	ND	113	60-130			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	8.04	0.05	ug/g	ND	100	50-140			
1,2-Dibromoethane	9.69	0.05	ug/g	ND	120	60-130			
1,2-Dichlorobenzene	8.75	0.05	ug/g	ND	109	60-130			
1,3-Dichlorobenzene	8.94	0.05	ug/g	ND	111	60-130			
1,4-Dichlorobenzene	8.26	0.05	ug/g	ND	103	60-130			
1,1-Dichloroethane	9.75	0.05	ug/g	ND	121	60-130			
1,2-Dichloroethane	9.99	0.05	ug/g	ND	124	60-130			
1,1-Dichloroethylene	8.80	0.05	ug/g	ND	109	60-130			
cis-1,2-Dichloroethylene	9.51	0.05	ug/g	ND	118	60-130			
trans-1,2-Dichloroethylene	10.1	0.05	ug/g	ND	125	60-130			
1,2-Dichloropropane	9.11	0.05	ug/g	ND	113	60-130			
cis-1,3-Dichloropropylene	8.92	0.05	ug/g	ND	111	60-130			
trans-1,3-Dichloropropylene	9.09	0.05	ug/g	ND	113	60-130			
Ethylbenzene	10.1	0.05	ug/g	ND	127	60-130			
Hexane	7.70	0.05	ug/g	ND	96.3	60-130			
Methyl Ethyl Ketone (2-Butanone)	25.6	0.50	ug/g	ND	125	50-140			
Methyl Isobutyl Ketone	25.6	0.50	ug/g	ND	131	50-140			
Methyl tert-butyl ether	24.9	0.05	ug/g	ND	124	50-140			
Methylene Chloride	10.1	0.05	ug/g	ND	126	60-130			
Styrene	10.1	0.05	ug/g	ND	126	60-130			
1,1,1,2-Tetrachloroethane	8.77	0.05	ug/g	ND	109	60-130			
1,1,2,2-Tetrachloroethane	9.94	0.05	ug/g	ND	124	60-130			
Tetrachloroethylene	9.59	0.05	ug/g	ND	119	60-130			
Toluene	9.50	0.05	ug/g	ND	119	60-130			
1,1,1-Trichloroethane	8.90	0.05	ug/g	ND	111	60-130			
1,1,2-Trichloroethane	9.84	0.05	ug/g	ND	122	60-130			
Trichloroethylene	9.47	0.05	ug/g	ND	118	60-130			
Trichlorofluoromethane	6.82	0.05	ug/g	ND	85.3	50-140			
Vinyl chloride	8.32	0.02	ug/g	ND	103	50-140			
m,p-Xylenes	20.1	0.05	ug/g	ND	126	60-130			
o-Xylene	9.99	0.05	ug/g	ND	124	60-130			
Surrogate: 4-Bromofluorobenzene	15.7		ug/g		97.5	50-140			
Surrogate: Dibromofluoromethane	17.4		ug/g		108	50-140			
Surrogate: Toluene-d8	16.1		ug/g		100	50-140			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



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Parcel Order Number (Lab Use Only)  2050129	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 905-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken Date      Time		ICP Metals	pH	EC	SAR	Wash Pass 75 um	PHC (F1-F4)	VOCs									
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																					
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm	Mun: _____		Other: _____																		
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																									
Sample ID/Location Name																									
1	BH-04-2-D			S		2	Dec. 7, 2020	14:30																	
2	BH-04-3-C			S		1	Dec. 7, 2020	14:35	✓	✓	✓	✓													
3	BH-04-4-C			S		1	Dec. 7, 2020	14:40																	
4	BH-04-5-D			S		2	Dec. 7, 2020	14:45						✓	✓										
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.			Method of Delivery: <i>Drop-off</i>		
Relinquished By (Sign): braedan.huras <small>Digitally signed by braedan.huras Date: 2020.12.08 09:10:20 +05'00'</small>	Received By Driver/Depot:	Received at Lab: <i>AEB</i>	Verified By: <i>AEB</i>		
Relinquished By (Print): Braedan Huras	Date/Time:	Date/Time: <i>8-Dec-20 8:30</i>	Date/Time: <i>8-Dec-20 8:30</i>		
Date/Time: December 7, 2020 @ 15:10	Temperature: °C	Temperature: <i>9.1</i>	pH Verified: <input type="checkbox"/> By: _____		



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 16-Dec-2020  
Order Date: 10-Dec-2020

**Order #: 2050381**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050381-01	BH-09-6-C		
2050381-02	BH-09-7-D		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 8260 - P&T GC-MS	10-Dec-20	14-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	10-Dec-20	14-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	15-Dec-20	16-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	11-Dec-20	11-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	10-Dec-20	11-Dec-20
Solids, %	Gravimetric, calculation	10-Dec-20	11-Dec-20

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-09-6-C	BH-09-7-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	09-Dec-2020	09-Dec-2020	-	-	
<b>Sample ID:</b>	2050381-01	2050381-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	91.8	79.8	-	-
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**General Inorganics**

pH	0.05 pH Units	7.71	-	-	-	5 - 9	pH units
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**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	5.1	-	-	-	18	ug/g
Barium	1.0 ug/g	95.3	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.5	-	-	-	2.5	ug/g
Boron	5.0 ug/g	16.7	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	17.3	-	-	-	70	ug/g
Cobalt	1.0 ug/g	7.7	-	-	-	21	ug/g
Copper	5.0 ug/g	14.7	-	-	-	92	ug/g
Lead	1.0 ug/g	12.7	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	1.2	-	-	-	2	ug/g
Nickel	5.0 ug/g	18.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	20.8	-	-	-	86	ug/g
Zinc	20.0 ug/g	49.6	-	-	-	290	ug/g

**Volatiles**

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-09-6-C	BH-09-7-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	09-Dec-2020	09-Dec-2020	-	-		
		Sample ID:	2050381-01	2050381-02	-	-		
		Matrix:	Soil	Soil	-	-		
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene-d8	Surrogate		-	104%	-	-		
<b>Hydrocarbons</b>								
F1 PHCs (C6-C10)	7 ug/g		-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g		-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g		-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g		-	<6	-	-	120	ug/g

Certificate of Analysis  
**Client: Wood Environment & Infrastructure (Thorold)**  
**Client PO:**

Report Date: 16-Dec-2020  
 Order Date: 10-Dec-2020

**Project Description: OESAM2008/2000**

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: Toluene-d8	8.20		ug/g		102	50-140			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 16-Dec-2020  
Order Date: 10-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
pH	7.26	0.05	pH Units	7.29			0.4	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	4.6	1.0	ug/g	ND			NC	30	
Arsenic	5.2	1.0	ug/g	5.0			4.5	30	
Barium	62.0	1.0	ug/g	59.4			4.4	30	
Beryllium	0.6	0.5	ug/g	0.5			18.0	30	
Boron	12.9	5.0	ug/g	8.0			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	15.8	5.0	ug/g	15.2			3.8	30	
Cobalt	5.7	1.0	ug/g	5.3			7.3	30	
Copper	16.7	5.0	ug/g	16.1			3.3	30	
Lead	12.4	1.0	ug/g	12.1			1.8	30	
Molybdenum	1.8	1.0	ug/g	1.5			17.3	30	
Nickel	13.5	5.0	ug/g	13.2			2.6	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.4	1.0	ug/g	1.2			15.4	30	
Vanadium	26.3	10.0	ug/g	25.0			5.4	30	
Zinc	50.6	20.0	ug/g	48.8			3.5	30	
<b>Physical Characteristics</b>									
% Solids	85.4	0.1	% by Wt.	88.4			3.5	25	
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: Toluene-d8	6.20		ug/g		103	50-140			

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	77	7	ug/g	ND	108	80-120			
F2 PHCs (C10-C16)	83	4	ug/g	ND	82.7	60-140			
F3 PHCs (C16-C34)	217	8	ug/g	ND	96.3	60-140			
F4 PHCs (C34-C50)	150	6	ug/g	ND	92.3	60-140			
<b>Metals</b>									
Antimony	120	1.0	ug/g	ND	95.7	70-130			
Arsenic	128	1.0	ug/g	5.0	98.2	70-130			
Barium	178	1.0	ug/g	59.4	94.6	70-130			
Beryllium	118	0.5	ug/g	0.5	93.9	70-130			
Boron	119	5.0	ug/g	8.0	88.8	70-130			
Cadmium	115	0.5	ug/g	ND	91.7	70-130			
Chromium	129	5.0	ug/g	15.2	91.1	70-130			
Cobalt	118	1.0	ug/g	5.3	90.2	70-130			
Copper	130	5.0	ug/g	16.1	91.0	70-130			
Lead	127	1.0	ug/g	12.1	92.1	70-130			
Molybdenum	116	1.0	ug/g	1.5	91.2	70-130			
Nickel	126	5.0	ug/g	13.2	90.6	70-130			
Selenium	119	1.0	ug/g	ND	95.4	70-130			
Silver	102	0.3	ug/g	ND	81.6	70-130			
Thallium	114	1.0	ug/g	ND	91.4	70-130			
Uranium	116	1.0	ug/g	1.2	92.2	70-130			
Vanadium	140	10.0	ug/g	25.0	91.8	70-130			
Zinc	166	20.0	ug/g	48.8	93.5	70-130			
<b>Volatiles</b>									
Benzene	7.58	0.02	ug/g	ND	94.8	60-130			
Ethylbenzene	7.31	0.05	ug/g	ND	91.3	60-130			
Toluene	7.65	0.05	ug/g	ND	95.6	60-130			
m,p-Xylenes	14.3	0.05	ug/g	ND	89.6	60-130			
o-Xylene	7.26	0.05	ug/g	ND	90.3	60-130			
Surrogate: Toluene-d8	16.0		ug/g		99.4	50-140			



Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

QC Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2050381



Parcel ID: 2050381  
K1G 4J8  
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paracel.com

Parcel Order Number (Lab Use Only) <b>2050381</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>1</u> of <u>1</u>
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
<input type="checkbox"/> Table _____	For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____																						
1	BH-09-6-C		S				1	Dec. 9/20	11:05	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	BH-09-7-D		S				2	Dec. 9/20	11:15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop-Box</b>	
Relinquished By (Sign): <b>kelly.patterson</b> <small>Digitally signed by kelly.patterson Date: 2020.12.10 08:55:59 -05'00'</small>	Received By Driver/Depot:	Received at Lab: <b>ACB</b>	Verified By: <b>ACB</b>
Relinquished By (Print):	Date/Time:	Date/Time: <b>14-Dec-20 8:30</b>	Date/Time: <b>16-Dec-20 8:30</b>
Date/Time: <b>Dec. 9/20 @ 11:45am</b>	Temperature: _____ °C	Temperature: <b>7.3</b>	pH Verified: <input type="checkbox"/> By: _____

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 17-Dec-2020  
Order Date: 11-Dec-2020

**Order #: 2050505**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050505-01	BH-PO1-1-C		
2050505-02	BH-PO1-2-D		
2050505-03	BH-PO1-3-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 8260 - P&T GC-MS	14-Dec-20	15-Dec-20
Conductivity	MOE E3138 - probe @25 °C, water ext	12-Dec-20	12-Dec-20
PCBs, total	SW846 8082A - GC-ECD	14-Dec-20	15-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	14-Dec-20	15-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	16-Dec-20	16-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	15-Dec-20	15-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	16-Dec-20	16-Dec-20
SAR	Calculated	14-Dec-20	14-Dec-20
Solids, %	Gravimetric, calculation	11-Dec-20	14-Dec-20

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-PO1-1-C	Conductivity	5 uS/cm	1650	0.57 mS/cm

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 17-Dec-2020  
 Order Date: 11-Dec-2020

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-PO1-1-C	BH-PO1-2-D	BH-PO1-3-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	10-Dec-2020	10-Dec-2020	10-Dec-2020	-	
<b>Sample ID:</b>	2050505-01	2050505-02	2050505-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	93.0	82.8	81.5	-	
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**General Inorganics**

SAR	0.01 N/A	0.58	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1650	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.53	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	-	-	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	-	-	5.4	-	18	ug/g
Barium	1.0 ug/g	-	-	104	-	220	ug/g
Beryllium	0.5 ug/g	-	-	0.9	-	2.5	ug/g
Boron	5.0 ug/g	-	-	13.3	-	36	ug/g
Cadmium	0.5 ug/g	-	-	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	-	-	27.3	-	70	ug/g
Cobalt	1.0 ug/g	-	-	13.4	-	21	ug/g
Copper	5.0 ug/g	-	-	23.0	-	92	ug/g
Lead	1.0 ug/g	-	-	11.4	-	120	ug/g
Molybdenum	1.0 ug/g	-	-	<1.0	-	2	ug/g
Nickel	5.0 ug/g	-	-	30.4	-	82	ug/g
Selenium	1.0 ug/g	-	-	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	-	-	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	-	-	<1.0	-	1	ug/g
Uranium	1.0 ug/g	-	-	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	-	-	36.3	-	86	ug/g

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-PO1-1-C	BH-PO1-2-D	BH-PO1-3-C	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	10-Dec-2020	10-Dec-2020	10-Dec-2020	-		
		Sample ID:	2050505-01	2050505-02	2050505-03	-		
		Matrix:	Soil	Soil	Soil	-		
Zinc	20.0 ug/g		-	-	63.7	-	290	ug/g
<b>Volatiles</b>								
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene-d8	Surrogate		-	99.1%	-	-		
<b>Hydrocarbons</b>								
F1 PHCs (C6-C10)	7 ug/g		-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g		-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g		-	9	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g		-	<6	-	-	120	ug/g
<b>PCBs</b>								
PCBs, total	0.05 ug/g		<0.05	-	-	-	0.3	ug/g
Decachlorobiphenyl	Surrogate		111%	-	-	-		

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	ND	0.01	N/A						
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g						
Surrogate: Decachlorobiphenyl	0.104		ug/g		104	60-140			
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: Toluene-d8	7.92		ug/g		99.0	50-140			



Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 17-Dec-2020  
 Order Date: 11-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	1.68	0.01	N/A	1.66			1.2	30	
Conductivity	229	5	uS/cm	225			1.8	5	
pH	7.61	0.05	pH Units	7.60			0.1	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	36	8	ug/g	33			9.2	30	
F4 PHCs (C34-C50)	66	6	ug/g	76			14.2	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	1.3	1.0	ug/g	1.1			11.2	30	
Barium	14.6	1.0	ug/g	14.0			3.7	30	
Beryllium	ND	0.5	ug/g	ND			NC	30	
Boron	ND	5.0	ug/g	ND			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	6.1	5.0	ug/g	6.1			0.6	30	
Cobalt	1.7	1.0	ug/g	1.6			5.7	30	
Copper	ND	5.0	ug/g	ND			NC	30	
Lead	3.7	1.0	ug/g	3.9			4.9	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	ND	5.0	ug/g	ND			NC	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	14.4	10.0	ug/g	14.5			0.1	30	
Zinc	ND	20.0	ug/g	ND			NC	30	
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g	ND			NC	40	
Surrogate: Decachlorobiphenyl	0.131		ug/g		122	60-140			
<b>Physical Characteristics</b>									
% Solids	90.0	0.1	% by Wt.	90.2			0.2	25	
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<i>Surrogate: Toluene-d8</i>	6.74		ug/g		99.1	50-140			

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	62	7	ug/g	ND	87.0	80-120			
F2 PHCs (C10-C16)	106	4	ug/g	ND	106	60-140			
F3 PHCs (C16-C34)	248	8	ug/g	33	95.9	60-140			
F4 PHCs (C34-C50)	228	6	ug/g	76	94.2	60-140			
<b>Metals</b>									
Antimony	126	1.0	ug/g	ND	101	70-130			
Arsenic	128	1.0	ug/g	1.1	102	70-130			
Barium	138	1.0	ug/g	14.0	99.3	70-130			
Beryllium	123	0.5	ug/g	ND	98.1	70-130			
Boron	119	5.0	ug/g	ND	95.2	70-130			
Cadmium	121	0.5	ug/g	ND	97.0	70-130			
Chromium	127	5.0	ug/g	6.1	97.1	70-130			
Cobalt	122	1.0	ug/g	1.6	96.2	70-130			
Copper	122	5.0	ug/g	ND	97.9	70-130			
Lead	125	1.0	ug/g	3.9	96.7	70-130			
Molybdenum	123	1.0	ug/g	ND	98.5	70-130			
Nickel	125	5.0	ug/g	ND	100	70-130			
Selenium	123	1.0	ug/g	ND	98.6	70-130			
Silver	119	0.3	ug/g	ND	95.2	70-130			
Thallium	121	1.0	ug/g	ND	96.9	70-130			
Uranium	122	1.0	ug/g	ND	97.7	70-130			
Vanadium	137	10.0	ug/g	14.5	98.1	70-130			
Zinc	132	20.0	ug/g	ND	105	70-130			
<b>PCBs</b>									
PCBs, total	0.389	0.05	ug/g	ND	90.3	60-140			
Surrogate: Decachlorobiphenyl	0.118		ug/g		110	60-140			
<b>Volatiles</b>									
Benzene	8.96	0.02	ug/g	ND	112	60-130			
Ethylbenzene	8.61	0.05	ug/g	ND	108	60-130			
Toluene	8.75	0.05	ug/g	ND	109	60-130			
m,p-Xylenes	17.2	0.05	ug/g	ND	107	60-130			
o-Xylene	8.60	0.05	ug/g	ND	107	60-130			
Surrogate: Toluene-d8	15.9		ug/g		99.2	50-140			

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Print  
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Parcel Order Number (Lab Use Only) <b>2050505</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 2
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																		
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs	PCBs						
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time															
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																				
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																				
Sample ID/Location Name																								
1	BH-P01-1-C					S		1	Dec. 10/20	8:40		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
2	BH-P01-2-D					S		2	Dec. 10/20	8:45					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>							
3	BH-P01-3-D					S		2	Dec. 10/20	8:50														
4	BH-P01-3-C					S		1	Dec. 10/20	8:50	<input checked="" type="checkbox"/>													
5	BH-P01-4-D					S		2	Dec. 10/20	8:55														
6	BH-P01-4-C					S		1	Dec. 10/20	8:55														
7	BH-P01-5-C					S		1	Dec. 10/20	9:05														
8	BH-P01-6-D					S		2	Dec. 10/20	9:10														
9	BH-P01-6-C					S		1	Dec. 10/20	9:10														
10	BH-P01-7-D					S		2	Dec. 10/20	9:15														

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop Box</b>	
Relinquished By (Sign): kelly.patterson <small>Digitally signed by kelly.patterson Date: 2020.12.10 15:33:34 +0500</small>	Received By Driver/Depot:	Received at Lab: <b>AEB</b>	Verified By: <b>AEB</b>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <b>11-Dec-20 5:30</b>	Date/Time: <b>11-Dec-20</b>
Date/Time: Dec. 10/20 @ 11:15am	Temperature: °C	Temperature: <b>6.9</b>	pH Verified: <input type="checkbox"/> By:



Parcel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
---------------------------------------	------------------------------------

Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>2</u> of <u>2</u>
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, Suite 301 St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
Table _____			Mun: _____																						
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Other: _____																						
Sample ID/Location Name		Matrix	Air Volume	# of Containers	Date	Time	ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs											
1	BH-P01-8-C	S		1	Dec. 10/20	9:20																			
2	Dup AC	S		2	Dec. 10/20																				
3	Dup AD	S		1	Dec. 10/20																				
4	Dup AE	S		2	Dec. 10/20																				
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <u>Drop-Box</u>	
Relinquished By (Sign): <u>kelly.patterson</u> <small>Digitally signed by kelly.patterson Date: 2020.12.10 15:37:44 +05'00'</small>	Received By Driver/Depot:	Received at Lab: <u>AerB</u>	Verified By: <u>AerB</u>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <u>11-Dec-20 8:30</u>	Date/Time: <u>11-Dec-20 8:30</u>
Date/Time: Dec. 10/20 @ 11:15am	Temperature: °C	Temperature: <u>6.9</u>	pH Verified: <input type="checkbox"/> By:

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 18-Dec-2020  
Order Date: 14-Dec-2020

**Order #: 2051018**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051018-01	BH-P03-1-C		
2051018-02	BH-P03-4-C		
2051018-03	DUP AG		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	17-Dec-20	17-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	17-Dec-20	18-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	16-Dec-20	16-Dec-20
SAR	Calculated	17-Dec-20	17-Dec-20
Solids, %	Gravimetric, calculation	15-Dec-20	16-Dec-20



Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-P03-1-C	SAR	0.01 N/A	4.34	<b>2.4</b> N/A

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-P03-1-C	BH-P03-4-C	DUP AG	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	11-Dec-2020	11-Dec-2020	11-Dec-2020	-	
<b>Sample ID:</b>	2051018-01	2051018-02	2051018-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	90.4	78.3	78.7	-	
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**General Inorganics**

SAR	0.01 N/A	4.34	-	-	-	2.4	N/A
Conductivity	5 uS/cm	532	-	-	-	0.57	mS/cm
pH	0.05 pH Units	-	7.70	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	-	<1.0	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	-	5.3	4.5	-	18	ug/g
Barium	1.0 ug/g	-	153	124	-	220	ug/g
Beryllium	0.5 ug/g	-	1.0	0.9	-	2.5	ug/g
Boron	5.0 ug/g	-	18.9	18.3	-	36	ug/g
Cadmium	0.5 ug/g	-	<0.5	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	-	29.0	26.9	-	70	ug/g
Cobalt	1.0 ug/g	-	15.0	13.3	-	21	ug/g
Copper	5.0 ug/g	-	24.3	20.6	-	92	ug/g
Lead	1.0 ug/g	-	10.9	9.3	-	120	ug/g
Molybdenum	1.0 ug/g	-	<1.0	<1.0	-	2	ug/g
Nickel	5.0 ug/g	-	31.9	28.7	-	82	ug/g
Selenium	1.0 ug/g	-	<1.0	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	-	<0.3	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	-	<1.0	<1.0	-	1	ug/g
Uranium	1.0 ug/g	-	<1.0	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	-	39.6	35.8	-	86	ug/g

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-P03-1-C	BH-P03-4-C	DUP AG	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	11-Dec-2020	11-Dec-2020	11-Dec-2020	-	
	Sample ID:	2051018-01	2051018-02	2051018-03	-	
	Matrix:	Soil	Soil	Soil	-	
	MDL/Units					
Zinc	20.0 ug/g	-	64.3	59.5	-	290 ug/g

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**General Inorganics**

Conductivity	ND	5	uS/cm						
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**Metals**

Antimony	ND	1.0	ug/g
Arsenic	ND	1.0	ug/g
Barium	ND	1.0	ug/g
Beryllium	ND	0.5	ug/g
Boron	ND	5.0	ug/g
Cadmium	ND	0.5	ug/g
Chromium	ND	5.0	ug/g
Cobalt	ND	1.0	ug/g
Copper	ND	5.0	ug/g
Lead	ND	1.0	ug/g
Molybdenum	ND	1.0	ug/g
Nickel	ND	5.0	ug/g
Selenium	ND	1.0	ug/g
Silver	ND	0.3	ug/g
Thallium	ND	1.0	ug/g
Uranium	ND	1.0	ug/g
Vanadium	ND	10.0	ug/g
Zinc	ND	20.0	ug/g

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	11.0	0.01	N/A	8.89			21.6	30	
Conductivity	1360	5	uS/cm	1340			1.3	5	
pH	7.61	0.05	pH Units	7.60			0.1	10	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	7.3	1.0	ug/g	7.3			0.0	30	
Barium	64.0	1.0	ug/g	65.6			2.5	30	
Beryllium	0.7	0.5	ug/g	0.6			10.2	30	
Boron	14.9	5.0	ug/g	11.1			28.9	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	21.3	5.0	ug/g	21.4			0.2	30	
Cobalt	7.5	1.0	ug/g	7.8			3.9	30	
Copper	14.7	5.0	ug/g	15.3			4.2	30	
Lead	13.1	1.0	ug/g	13.7			4.7	30	
Molybdenum	1.9	1.0	ug/g	1.7			9.8	30	
Nickel	20.3	5.0	ug/g	21.0			3.4	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.0	1.0	ug/g	ND			NC	30	
Vanadium	33.6	10.0	ug/g	33.1			1.6	30	
Zinc	62.5	20.0	ug/g	64.7			3.5	30	
<b>Physical Characteristics</b>									
% Solids	95.4	0.1	% by Wt.	95.1			0.4	25	

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	132	1.0	ug/g	ND	105	70-130			
Arsenic	130	1.0	ug/g	7.3	98.4	70-130			
Barium	186	1.0	ug/g	65.6	96.2	70-130			
Beryllium	119	0.5	ug/g	0.6	94.3	70-130			
Boron	127	5.0	ug/g	11.1	93.0	70-130			
Cadmium	118	0.5	ug/g	ND	94.0	70-130			
Chromium	137	5.0	ug/g	21.4	92.4	70-130			
Cobalt	122	1.0	ug/g	7.8	91.2	70-130			
Copper	129	5.0	ug/g	15.3	91.1	70-130			
Lead	130	1.0	ug/g	13.7	93.0	70-130			
Molybdenum	122	1.0	ug/g	1.7	96.0	70-130			
Nickel	134	5.0	ug/g	21.0	90.8	70-130			
Selenium	120	1.0	ug/g	ND	95.9	70-130			
Silver	111	0.3	ug/g	ND	88.5	70-130			
Thallium	117	1.0	ug/g	ND	93.5	70-130			
Uranium	120	1.0	ug/g	ND	96.0	70-130			
Vanadium	150	10.0	ug/g	33.1	93.5	70-130			
Zinc	182	20.0	ug/g	64.7	94.0	70-130			

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2051018



Laurent Blvd  
 310 X1G 4J8  
 1-5147  
 paraceilabs.com  
 labs.com

Parcel Order Number  
 (Lab Use Only)

2051018

Chain Of Custody  
 (Lab Use Only)

Page 1 of 2

Client Name: Wood	Project Ref: OESAM2008/2000	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Contact Name: Kelly Patterson	Quote #: 20-513	
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																					
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																					
Sample ID/Location Name		Matrix	Air Volume	# of Containers	Date	Time	ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs											
1	BH-P03-1-C	S		1	Dec. 11/20	14:15		✓	✓																
2	BH-P03-2-D	S		2	Dec. 11/20	14:25																			
3	BH-P03-3-D	S		2	Dec. 11/20	14:30																			
4	BH-P03-3-C	S		1	Dec. 11/20	14:30																			
5	BH-P03-4-C	S		1	Dec. 11/20	14:35	✓			✓															
6	BH-P03-5-D	S		2	Dec. 11/20	14:45																			
7	BH-P03-5-C	S		1	Dec. 11/20	14:45																			
8	BH-P03-6-D	S		2	Dec. 11/20	14:50																			
9	BH-P03-7-D	S		2	Dec. 11/20	14:55																			
10	BH-P03-7-C	S		1	Dec. 11/20	14:55																			

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: Prop. Box	
Relinquished By (Sign): kelly.patterson <small>Digitally signed by kelly.patterson Date: 2020.12.11 17:07:15 +05'00'</small>	Received By Driver/Depot:	Received at Lab: ACB	Verified By: ACB
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: 14-Dec-20 8:30	Date/Time: 14-Dec-20 8:30
Date/Time: Dec. 11/20 @ 15:45	Temperature: °C	Temperature: 5.3	pH Verified: <input type="checkbox"/> By:





Parcel ID: 2051018



int@vst  
16-4-28  
labo.com  
2011

Parcel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
---------------------------------------	------------------------------------

Client Name: Wood	Project Ref: OESAM2008/2000	Page 2 of 2
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	PH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																					
Sample ID/Location Name																									
1	Dup AF	S		2	Dec. 11/20	-																			
2	Dup AG	S		1	Dec. 11/20	-				✓															
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <u>Drop-Box</u>	
Relinquished By (Sign): <u>kelly.patterson</u> <small>Digitally signed by kelly.patterson Date: 2020.12.11 17:10:14 +0500</small>	Received By Driver/Depot:	Received at Lab: <u>AeB</u>	Verified By: <u>AeB</u>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <u>14-Dec-20 8:30</u>	Date/Time: <u>14-Dec-20 8:30</u>
Date/Time: Dec. 11/20 @ 15:45	Temperature: _____ °C	Temperature: <u>53</u>	pH Verified: <input type="checkbox"/> By: _____

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

**Order #: 2051388**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051388-01	BH-02-2-C		
2051388-02	BH-06-3-D		
2051388-03	BH-06-4-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 21-Dec-2020  
 Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	19-Dec-20	19-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	18-Dec-20	21-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	21-Dec-20	21-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	18-Dec-20	18-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	17-Dec-20	18-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	18-Dec-20	21-Dec-20
SAR	Calculated	21-Dec-20	21-Dec-20
Solids, %	Gravimetric, calculation	17-Dec-20	18-Dec-20

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-02-2-C	SAR	0.01 N/A	2.49	<b>2.4</b> N/A

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	
<b>Sample ID:</b>	2051388-01	2051388-02	2051388-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	90.3	82.1	79.9	-	
----------	--------------	------	------	------	---	--

**General Inorganics**

SAR	0.01 N/A	2.49	-	-	-	2.4	N/A
Conductivity	5 uS/cm	513	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.60	-	7.55	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	5.7	-	3.9	-	18	ug/g
Barium	1.0 ug/g	48.6	-	132	-	220	ug/g
Beryllium	0.5 ug/g	<0.5	-	0.7	-	2.5	ug/g
Boron	5.0 ug/g	13.4	-	9.7	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	13.9	-	18.6	-	70	ug/g
Cobalt	1.0 ug/g	5.2	-	10.3	-	21	ug/g
Copper	5.0 ug/g	15.8	-	13.3	-	92	ug/g
Lead	1.0 ug/g	43.9	-	8.5	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	<1.0	-	2	ug/g
Nickel	5.0 ug/g	13.2	-	20.6	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	<1.0	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	14.5	-	28.0	-	86	ug/g

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	Criteria:	
	Sample Date:	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample ID:	2051388-01	2051388-02	2051388-03	-		
	Matrix:	Soil	Soil	Soil	-		
	MDL/Units						
Zinc	20.0 ug/g	81.3	-	55.9	-	290	ug/g
<b>Volatiles</b>							
Acetone	0.50 ug/g	<0.50	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g	<0.02	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g	<0.05	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g	<0.05	<0.05	-	-		

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	Criteria:
		Sample Date:	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	
		Sample ID:	2051388-01	2051388-02	2051388-03	-	Reg 153/04 (2011)-Table 1 Residential/Industrial
		Matrix:	Soil	Soil	Soil	-	
trans-1,3-Dichloropropylene	0.05 ug/g		<0.05	<0.05	-	-	
1,3-Dichloropropene, total	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Ethylbenzene	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Hexane	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		<0.50	<0.50	-	-	0.5 ug/g
Methyl Isobutyl Ketone	0.50 ug/g		<0.50	<0.50	-	-	0.5 ug/g
Methyl tert-butyl ether	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Methylene Chloride	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Styrene	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Tetrachloroethylene	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Toluene	0.05 ug/g		<0.05	<0.05	-	-	0.2 ug/g
1,1,1-Trichloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
1,1,2-Trichloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Trichloroethylene	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
Trichlorofluoromethane	0.05 ug/g		<0.05	<0.05	-	-	0.25 ug/g
Vinyl chloride	0.02 ug/g		<0.02	<0.02	-	-	0.02 ug/g
m,p-Xylenes	0.05 ug/g		<0.05	<0.05	-	-	
o-Xylene	0.05 ug/g		<0.05	<0.05	-	-	
Xylenes, total	0.05 ug/g		<0.05	<0.05	-	-	0.05 ug/g
4-Bromofluorobenzene	Surrogate		97.2%	109%	-	-	
Dibromofluoromethane	Surrogate		76.1%	67.3%	-	-	
Toluene-d8	Surrogate		98.7%	104%	-	-	

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	
<b>Sample ID:</b>	2051388-01	2051388-02	2051388-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	<7	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	<4	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	13	45	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	<6	<6	-	-	120	ug/g



Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.28		ug/g		103	50-140			
Surrogate: Dibromofluoromethane	8.62		ug/g		107	50-140			
Surrogate: Toluene-d8	8.27		ug/g		103	50-140			

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	34.8	0.01	N/A	35.9			3.3	30	
Conductivity	2380	5	uS/cm	2390			0.4	5	
pH	7.44	0.05	pH Units	7.50			0.8	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	2.8	1.0	ug/g	2.7			4.1	30	
Barium	50.6	1.0	ug/g	52.8			4.3	30	
Beryllium	0.5	0.5	ug/g	ND			NC	30	
Boron	8.7	5.0	ug/g	6.9			23.7	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	16.5	5.0	ug/g	17.1			4.1	30	
Cobalt	6.0	1.0	ug/g	6.4			6.5	30	
Copper	13.8	5.0	ug/g	14.1			2.0	30	
Lead	7.1	1.0	ug/g	7.2			1.3	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	14.7	5.0	ug/g	15.3			3.9	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.0	10.0	ug/g	25.2			5.1	30	
Zinc	55.8	20.0	ug/g	67.3			18.8	30	
<b>Physical Characteristics</b>									
% Solids	86.4	0.1	% by Wt.	86.5			0.1	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	12.5		ug/g		107	50-140			
Surrogate: Dibromofluoromethane	11.2		ug/g		95.4	50-140			
Surrogate: Toluene-d8	12.3		ug/g		105	50-140			

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	74	7	ug/g	ND	105	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	80.6	60-140			
F3 PHCs (C16-C34)	186	8	ug/g	ND	84.0	60-140			
F4 PHCs (C34-C50)	122	6	ug/g	ND	76.4	60-140			
<b>Metals</b>									
Antimony	128	1.0	ug/g	ND	102	70-130			
Arsenic	150	1.0	ug/g	3.0	118	70-130			
Barium	208	1.0	ug/g	109	79.2	70-130			
Beryllium	121	0.5	ug/g	0.8	96.4	70-130			
Boron	126	5.0	ug/g	10.0	92.5	70-130			
Cadmium	141	0.5	ug/g	ND	112	70-130			
Chromium	157	5.0	ug/g	26.2	104	70-130			
Cobalt	142	1.0	ug/g	8.6	106	70-130			
Copper	154	5.0	ug/g	17.4	110	70-130			
Lead	126	1.0	ug/g	9.9	93.2	70-130			
Molybdenum	145	1.0	ug/g	ND	116	70-130			
Nickel	155	5.0	ug/g	22.1	106	70-130			
Selenium	126	1.0	ug/g	ND	101	70-130			
Silver	101	0.3	ug/g	ND	81.0	70-130			
Thallium	120	1.0	ug/g	ND	96.1	70-130			
Uranium	145	1.0	ug/g	ND	116	70-130			
Vanadium	169	10.0	ug/g	33.4	108	70-130			
Zinc	181	20.0	ug/g	45.8	108	70-130			
<b>Volatiles</b>									
Acetone	19.5	0.50	ug/g	ND	100	50-140			
Benzene	8.57	0.02	ug/g	ND	107	60-130			
Bromodichloromethane	8.27	0.05	ug/g	ND	103	60-130			
Bromoform	5.75	0.05	ug/g	ND	71.9	60-130			
Bromomethane	9.09	0.05	ug/g	ND	113	50-140			
Carbon Tetrachloride	8.03	0.05	ug/g	ND	100	60-130			
Chlorobenzene	8.83	0.05	ug/g	ND	110	60-130			
Chloroform	8.11	0.05	ug/g	ND	101	60-130			
Dibromochloromethane	9.03	0.05	ug/g	ND	113	60-130			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	7.90	0.05	ug/g	ND	98.3	50-140			
1,2-Dibromoethane	7.70	0.05	ug/g	ND	95.7	60-130			
1,2-Dichlorobenzene	6.70	0.05	ug/g	ND	83.4	60-130			
1,3-Dichlorobenzene	7.10	0.05	ug/g	ND	88.3	60-130			
1,4-Dichlorobenzene	7.70	0.05	ug/g	ND	95.8	60-130			
1,1-Dichloroethane	8.52	0.05	ug/g	ND	106	60-130			
1,2-Dichloroethane	8.11	0.05	ug/g	ND	101	60-130			
1,1-Dichloroethylene	7.93	0.05	ug/g	ND	98.6	60-130			
cis-1,2-Dichloroethylene	8.81	0.05	ug/g	ND	110	60-130			
trans-1,2-Dichloroethylene	9.16	0.05	ug/g	ND	114	60-130			
1,2-Dichloropropane	8.35	0.05	ug/g	ND	104	60-130			
cis-1,3-Dichloropropylene	8.26	0.05	ug/g	ND	103	60-130			
trans-1,3-Dichloropropylene	8.01	0.05	ug/g	ND	99.7	60-130			
Ethylbenzene	8.00	0.05	ug/g	ND	100	60-130			
Hexane	9.72	0.05	ug/g	ND	122	60-130			
Methyl Ethyl Ketone (2-Butanone)	21.5	0.50	ug/g	ND	105	50-140			
Methyl Isobutyl Ketone	19.4	0.50	ug/g	ND	99.3	50-140			
Methyl tert-butyl ether	24.6	0.05	ug/g	ND	123	50-140			
Methylene Chloride	9.79	0.05	ug/g	ND	122	60-130			
Styrene	8.84	0.05	ug/g	ND	110	60-130			
1,1,1,2-Tetrachloroethane	7.36	0.05	ug/g	ND	91.5	60-130			
1,1,2,2-Tetrachloroethane	7.93	0.05	ug/g	ND	98.7	60-130			
Tetrachloroethylene	6.56	0.05	ug/g	ND	81.6	60-130			
Toluene	8.34	0.05	ug/g	ND	104	60-130			
1,1,1-Trichloroethane	7.63	0.05	ug/g	ND	94.9	60-130			
1,1,2-Trichloroethane	7.81	0.05	ug/g	ND	97.1	60-130			
Trichloroethylene	8.94	0.05	ug/g	ND	111	60-130			
Trichlorofluoromethane	7.61	0.05	ug/g	ND	95.1	50-140			
Vinyl chloride	8.81	0.02	ug/g	ND	110	50-140			
m,p-Xylenes	15.8	0.05	ug/g	ND	99.0	60-130			
o-Xylene	8.19	0.05	ug/g	ND	102	60-130			
Surrogate: 4-Bromofluorobenzene	16.3		ug/g		101	50-140			
Surrogate: Dibromofluoromethane	16.2		ug/g		100	50-140			
Surrogate: Toluene-d8	15.8		ug/g		97.8	50-140			

Certificate of Analysis

Report Date: 21-Dec-2020

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 17-Dec-2020

Client PO:

Project Description: **OESAM2008/2000**

**Qualifier Notes:**

**Login Qualifiers :**

Sample - F1/BTEX/VOCs (soil) not submitted according to Reg. 153/04, Amended 2011 - not field preserved

*Applies to samples: BH-02-2-C*

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

***CCME PHC additional information:***

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2051388



Print Date: 16/4/18  
 Date Copied: 16/4/18

Parcel Order Number (Lab Use Only) <b>2051388</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																					
1	BH-02-2-C	S		1	Dec. 14/20	9:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	BH-06-3-D	S		2	Dec. 15/20	9:25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	BH-06-4-C	S		1	Dec. 15/20	9:30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	BH-06-5-C	S		1	Dec. 15/20	9:35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	BH-06-7-D	S		2	Dec. 15/20	9:55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	BH-06-8-C	S		1	Dec. 15/20	10:05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop Box</b>	
Relinquished By (Sign): <b>kelly.patterson</b> <small>Digitally signed by kelly.patterson Date: 2020.12.16 22:54:08 +05'00'</small>	Received By Driver/Depot:	Received at Lab: <b>AES</b>	Verified By: <b>AES</b>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <b>17-Dec-20 8:30</b>	Date/Time: <b>17-Dec-20 8:30</b>
Date/Time: Dec. 15/20 @ 15:00	Temperature: °C	Temperature: <b>56</b>	pH Verified: <input type="checkbox"/> By:



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008.2000  
Custody:

Report Date: 24-Dec-2020  
Order Date: 18-Dec-2020

**Order #: 2051634**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051634-01	BH-08-1C		
2051634-02	BH-08-2D		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	22-Dec-20	22-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	21-Dec-20	22-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	22-Dec-20	23-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	22-Dec-20	22-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	21-Dec-20	21-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	21-Dec-20	22-Dec-20
SAR	Calculated	22-Dec-20	22-Dec-20
Solids, %	Gravimetric, calculation	21-Dec-20	22-Dec-20

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

<b>Client ID:</b>	BH-08-1C	BH-08-2D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	18-Dec-2020	18-Dec-2020	-	-	
<b>Sample ID:</b>	2051634-01	2051634-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	80.0	82.2	-	-		
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**General Inorganics**

SAR	0.01 N/A	0.28	-	-	-	2.4	N/A
Conductivity	5 uS/cm	537	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.13	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	4.5	-	-	-	18	ug/g
Barium	1.0 ug/g	107	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	5.0	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	25.6	-	-	-	70	ug/g
Cobalt	1.0 ug/g	9.4	-	-	-	21	ug/g
Copper	5.0 ug/g	19.3	-	-	-	92	ug/g
Lead	1.0 ug/g	11.0	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	37.5	-	-	-	86	ug/g

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

	MDL/Units	Client ID:	BH-08-1C	BH-08-2D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	18-Dec-2020	18-Dec-2020	-	-		
		Sample ID:	2051634-01	2051634-02	-	-		
		Matrix:	Soil	Soil	-	-		
Zinc	20.0 ug/g		48.1	-	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g		-	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

	MDL/Units	Client ID:	BH-08-1C	BH-08-2D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	18-Dec-2020	18-Dec-2020	-	-		
		Sample ID:	2051634-01	2051634-02	-	-		
		Matrix:	Soil	Soil	-	-		
trans-1,3-Dichloropropylene	0.05 ug/g	-	<0.05	-	-	-		
1,3-Dichloropropene, total	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Ethylbenzene	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Hexane	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g	-	<0.50	-	-	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g	-	<0.50	-	-	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Methylene Chloride	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Styrene	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Toluene	0.05 ug/g	-	<0.05	-	-	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Trichloroethylene	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g	-	<0.05	-	-	-	0.25	ug/g
Vinyl chloride	0.02 ug/g	-	<0.02	-	-	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g	-	<0.05	-	-	-		
o-Xylene	0.05 ug/g	-	<0.05	-	-	-		
Xylenes, total	0.05 ug/g	-	<0.05	-	-	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate	-	94.0%	-	-	-		
Dibromofluoromethane	Surrogate	-	75.6%	-	-	-		
Toluene-d8	Surrogate	-	99.2%	-	-	-		

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

<b>Client ID:</b>	BH-08-1C	BH-08-2D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	18-Dec-2020	18-Dec-2020	-	-	
<b>Sample ID:</b>	2051634-01	2051634-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	-	-	120	ug/g

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						



Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	7.73		ug/g		96.6	50-140			
Surrogate: Dibromofluoromethane	6.76		ug/g		84.4	50-140			
Surrogate: Toluene-d8	8.01		ug/g		100	50-140			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.77	0.01	N/A	0.75			2.6	30	
Conductivity	866	5	uS/cm	867			0.1	5	
pH	6.94	0.05	pH Units	7.01			1.0	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	57	7	ug/g	57			0.1	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	8.5	1.0	ug/g	9.1			6.2	30	
Barium	111	1.0	ug/g	113			1.8	30	
Beryllium	0.6	0.5	ug/g	0.6			5.5	30	
Boron	14.5	5.0	ug/g	13.1			10.7	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.7	5.0	ug/g	20.5			4.1	30	
Cobalt	5.9	1.0	ug/g	6.2			4.9	30	
Copper	29.0	5.0	ug/g	30.4			4.4	30	
Lead	69.8	1.0	ug/g	71.2			2.1	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	13.2	5.0	ug/g	14.6			9.7	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	0.3			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.2	10.0	ug/g	25.6			5.5	30	
Zinc	138	20.0	ug/g	146			5.7	30	
<b>Physical Characteristics</b>									
% Solids	80.0	0.1	% by Wt.	81.3			1.7	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 24-Dec-2020  
Order Date: 18-Dec-2020

Project Description: OESAM2008.2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	0.991	0.05	ug/g	1.01			2.3	50	
Hexane	0.794	0.05	ug/g	0.789			0.6	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	0.594	0.05	ug/g	0.615			3.4	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	6.00		ug/g		91.7	50-140			
Surrogate: Dibromofluoromethane	4.69		ug/g		71.7	50-140			
Surrogate: Toluene-d8	6.73		ug/g		103	50-140			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	82	7	ug/g	ND	116	80-120			
F2 PHCs (C10-C16)	92	4	ug/g	ND	89.2	60-140			
F3 PHCs (C16-C34)	211	8	ug/g	ND	90.8	60-140			
F4 PHCs (C34-C50)	153	6	ug/g	ND	91.5	60-140			
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.7	70-130			
Arsenic	137	1.0	ug/g	9.1	102	70-130			
Barium	241	1.0	ug/g	113	103	70-130			
Beryllium	116	0.5	ug/g	0.6	92.1	70-130			
Boron	131	5.0	ug/g	13.1	94.2	70-130			
Cadmium	120	0.5	ug/g	ND	96.1	70-130			
Chromium	146	5.0	ug/g	20.5	100	70-130			
Cobalt	128	1.0	ug/g	6.2	97.1	70-130			
Copper	159	5.0	ug/g	30.4	103	70-130			
Lead	190	1.0	ug/g	71.2	95.4	70-130			
Molybdenum	125	1.0	ug/g	ND	100	70-130			
Nickel	143	5.0	ug/g	14.6	102	70-130			
Selenium	133	1.0	ug/g	ND	107	70-130			
Silver	121	0.3	ug/g	0.3	96.7	70-130			
Thallium	119	1.0	ug/g	ND	94.9	70-130			
Uranium	121	1.0	ug/g	ND	96.6	70-130			
Vanadium	151	10.0	ug/g	25.6	101	70-130			
Zinc	273	20.0	ug/g	146	102	70-130			
<b>Volatiles</b>									
Acetone	17.7	0.50	ug/g	ND	90.9	50-140			
Benzene	8.34	0.02	ug/g	ND	104	60-130			
Bromodichloromethane	6.80	0.05	ug/g	ND	85.0	60-130			
Bromoform	6.72	0.05	ug/g	ND	84.0	60-130			
Bromomethane	7.12	0.05	ug/g	ND	88.6	50-140			
Carbon Tetrachloride	6.32	0.05	ug/g	ND	79.0	60-130			
Chlorobenzene	7.80	0.05	ug/g	ND	97.0	60-130			
Chloroform	6.18	0.05	ug/g	ND	76.9	60-130			
Dibromochloromethane	7.21	0.05	ug/g	ND	90.2	60-130			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	6.72	0.05	ug/g	ND	83.6	50-140			
1,2-Dibromoethane	6.31	0.05	ug/g	ND	78.5	60-130			
1,2-Dichlorobenzene	8.20	0.05	ug/g	ND	102	60-130			
1,3-Dichlorobenzene	7.97	0.05	ug/g	ND	99.1	60-130			
1,4-Dichlorobenzene	8.10	0.05	ug/g	ND	101	60-130			
1,1-Dichloroethane	6.53	0.05	ug/g	ND	81.2	60-130			
1,2-Dichloroethane	7.54	0.05	ug/g	ND	93.8	60-130			
1,1-Dichloroethylene	6.18	0.05	ug/g	ND	76.8	60-130			
cis-1,2-Dichloroethylene	6.91	0.05	ug/g	ND	85.9	60-130			
trans-1,2-Dichloroethylene	5.65	0.05	ug/g	ND	70.3	60-130			
1,2-Dichloropropane	7.11	0.05	ug/g	ND	88.5	60-130			
cis-1,3-Dichloropropylene	6.08	0.05	ug/g	ND	75.6	60-130			
trans-1,3-Dichloropropylene	6.25	0.05	ug/g	ND	77.7	60-130			
Ethylbenzene	8.23	0.05	ug/g	ND	103	60-130			
Hexane	7.22	0.05	ug/g	ND	90.3	60-130			
Methyl Ethyl Ketone (2-Butanone)	18.8	0.50	ug/g	ND	91.6	50-140			
Methyl Isobutyl Ketone	17.8	0.50	ug/g	ND	91.1	50-140			
Methyl tert-butyl ether	19.3	0.05	ug/g	ND	96.4	50-140			
Methylene Chloride	7.67	0.05	ug/g	ND	95.9	60-130			
Styrene	7.70	0.05	ug/g	ND	95.7	60-130			
1,1,1,2-Tetrachloroethane	6.80	0.05	ug/g	ND	84.6	60-130			
1,1,2,2-Tetrachloroethane	6.40	0.05	ug/g	ND	79.6	60-130			
Tetrachloroethylene	7.27	0.05	ug/g	ND	90.4	60-130			
Toluene	8.62	0.05	ug/g	ND	108	60-130			
1,1,1-Trichloroethane	5.56	0.05	ug/g	ND	69.2	60-130			
1,1,2-Trichloroethane	6.64	0.05	ug/g	ND	82.5	60-130			
Trichloroethylene	6.87	0.05	ug/g	ND	85.5	60-130			
Trichlorofluoromethane	4.83	0.05	ug/g	ND	60.4	50-140			
Vinyl chloride	7.42	0.02	ug/g	ND	92.2	50-140			
m,p-Xylenes	16.4	0.05	ug/g	ND	103	60-130			
o-Xylene	8.31	0.05	ug/g	ND	103	60-130			
Surrogate: 4-Bromofluorobenzene	14.5		ug/g		90.9	50-140			
Surrogate: Dibromofluoromethane	12.9		ug/g		80.8	50-140			
Surrogate: Toluene-d8	17.1		ug/g		107	50-140			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Client Name: Wood E+IS  
 Contact Name: Kelly Patterson  
 Address: 110 James St., Unit 301  
 St. Catharines, ON, L2R 7E8  
 Telephone: 905-687-6616

Project Ref: OESAM2008.2000  
 Quote #:  
 PO #:  
 E-mail: Kelly.patterson@woodplc.com

Turnaround Time

- 1 day  3 day
- 2 day  Regular

Date Required:

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)				Required Analysis													
<input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/Fine <input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/Other <input type="checkbox"/> Table _____ For RSC: <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> REG 558 <input type="checkbox"/> PWQO <input type="checkbox"/> CCME <input type="checkbox"/> MISA <input type="checkbox"/> SU - Sani <input type="checkbox"/> SU - Storm Mun: _____ <input type="checkbox"/> Other: _____		Matrix	Air Volume	# of Containers	Sample Taken		PHCS F1-F4+BTEX	VOCs	PAHs	Metals by ICP			B (HWS)						
Date	Time	Hg	Cd				Pb														
1	BH-08-1C	S			1	Dec 18/20	9:07am														
2	BIT-08-2C				1		9:10am														
3	BH-08-2D				2		9:10am														
4	BH-08-3C				1		9:15am														
5	BH-08-4C				1		9:23am														
6	BH-08-5C				1		9:30am														
7	BH-08-6C				1		9:40am														
8	BH-08-6D				2		9:40am														
9	DUP-BA	↓			1	↓															
10																					

Comments: COPE incomplete

Method of Delivery: walkin

Relinquished By (Sign): <i>[Signature]</i>	Received By Driver/Depot: Niagara B Horner	Received at Lab: <i>[Signature]</i>	Verified By: <i>[Signature]</i>
Relinquished By (Print): Joanne Nail	Date/Time: 18 Dec 20 12:30	Date/Time: 21-Dec-20 8:30	Date/Time: 21-Dec-20 8:30
Date/Time: Dec 18/20 12:15 pm.	Temperature: 3.1 °C	Temperature: 8.6 °C	pH Verified: <input type="checkbox"/> By: NA



Parcel ID: 2051634



Office  
 8 St. Laurent Blvd  
 Ontario K1G 4J8  
 1-20-1947  
 www.paracelabs.com  
 paracelabs.com

<b>Parcel Order Number</b> (Lab Use Only) <i>2051634</i>	<b>Chain Of Custody</b> (Lab Use Only)
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<b>Client Name:</b> Wood	<b>Project Ref:</b> OESAM2008.2000	<b>Page</b> <u>1</u> <b>of</b> <u>1</u>
<b>Contact Name:</b> Kelly Patterson	<b>Quote #:</b> 20-513	
<b>Address:</b> 110 James St, Suite 301 St. Catharines, ON L2R 7E8	<b>PO #:</b>	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
<b>Telephone:</b> 905-687-6616	<b>E-mail:</b> kelly.patterson@woodplc.com	
<b>Date Required:</b> _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																	
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP METALS	EC	SAR	pH	PHCs (F1-F4)	VOCS								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time														
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																			
<input type="checkbox"/> Table _____	For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____																				
<b>Sample ID/Location Name</b>																							
1	BH-08-1C			S		1	DEC. 18/20	9:07AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>											
2	BH-08-2C			S		1	DEC. 18/20	9:10AM															
3	BH-08-2D			S		2	DEC. 18/20	9:10AM					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
4	BH-08-3C			S		1	DEC. 18/20	9:15AM															
5	BH-08-4C			S		1	DEC. 18/20	9:23AM															
6	BH-08-5C			S		1	DEC. 18/20	9:30AM															
7	BH-08-6C			S		1	DEC. 18/20	9:40AM															
8	BH-08-6D			S		2	DEC. 18/20	9:40AM															
9	DUP-BA			S		1	DEC. 18/20	-															
10																							

<b>Comments:</b> Governed by Terms and Conditions of SNA07-003 Hold remaining samples for potential future analysis		<b>Method of Delivery:</b> <i>Walk in</i>	
<b>Relinquished By (Sign):</b> kelly.patterson <small><i>Digitally signed by kelly.patterson Date: 2020.12.18 13:46:41 -0500</i></small>	<b>Received By Driver/Depot:</b>	<b>Received at Lab:</b> <i>AER</i>	<b>Verified By:</b> <i>AER</i>
<b>Relinquished By (Print):</b> Kelly Patterson	<b>Date/Time:</b>	<b>Date/Time:</b> <i>21-Dec-20 8:30</i>	<b>Date/Time:</b> <i>21-Dec-20 8:30</i>
<b>Date/Time:</b> December 18, 2020	<b>Temperature:</b> °C	<b>Temperature:</b> <i>5.6</i>	<b>pH Verified:</b> <input type="checkbox"/> <b>By:</b>



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody: 129982

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

**Order #: 2052104**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2052104-01	BH-07-2-D		
2052104-02	BH-07-3-C		
2052104-03	BH-07-4-D		
2052104-04	BH-07-6-D		

Approved By:



Dale Robertson, BSc  
Laboratory Director

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	23-Dec-20	23-Dec-20
PCBs, total	SW846 8082A - GC-ECD	21-Dec-20	23-Dec-20
pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	22-Dec-20	23-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	22-Dec-20	22-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	22-Dec-20	23-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	23-Dec-20	23-Dec-20
REG 153: PAHs by GC-MS	EPA 8270 - GC-MS, extraction	21-Dec-20	23-Dec-20
REG 153: VOCs by P&T GC/MS	EPA 8260 - P&T GC-MS	22-Dec-20	22-Dec-20
SAR	Calculated	30-Dec-20	31-Dec-20
Solids, %	Gravimetric, calculation	22-Dec-20	23-Dec-20

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-07-2-D	SAR	0.01 N/A	5.09	<b>2.4</b> N/A
BH-07-2-D	Conductivity	5 uS/cm	1690	<b>0.57</b> mS/cm

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020	
Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04	
Matrix:	Soil	Soil	Soil	Soil	
MDL/Units					

**Physical Characteristics**

% Solids	0.1 % by Wt.	87.1	81.6	80.9	76.0	
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**General Inorganics**

SAR	0.01 N/A	5.09	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1690	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.70	-	-	7.47	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	6.8	-	-	-	18	ug/g
Barium	1.0 ug/g	110	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.9	-	-	-	2.5	ug/g
Boron	5.0 ug/g	5.2	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	23.5	-	-	-	70	ug/g
Cobalt	1.0 ug/g	11.9	-	-	-	21	ug/g
Copper	5.0 ug/g	22.9	-	-	-	92	ug/g
Lead	1.0 ug/g	64.6	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	30.5	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	31.9	-	-	-	86	ug/g

## Certificate of Analysis

Client: Wood Environment &amp; Infrastructure (Thorold)

Client PO:

Report Date: 31-Dec-2020

Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
	Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
	Matrix:	Soil	Soil	Soil	Soil		
	MDL/Units						
Zinc	20.0 ug/g	97.6	-	-	-	290	ug/g
<b>Volatiles</b>							
Acetone	0.50 ug/g	-	-	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g	-	-	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichloropropane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
trans-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
1,3-Dichloropropene, total	0.05 ug/g	-	-	<0.05	-	0.05	ug/g

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
		Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
		Matrix:	Soil	Soil	Soil	Soil		
Ethylbenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Ethylene dibromide (dibromoethane)	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Hexane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Styrene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Toluene	0.05 ug/g		-	-	<0.05	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	-	<0.05	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	-	<0.02	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	-	<0.05	-		
o-Xylene	0.05 ug/g		-	-	<0.05	-		
Xylenes, total	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	-	113%	-		
Dibromofluoromethane	Surrogate		-	-	110%	-		
Toluene-d8	Surrogate		-	-	109%	-		

**Hydrocarbons**

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
		Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
		Matrix:	Soil	Soil	Soil	Soil		
F1 PHCs (C6-C10)	7 ug/g		-	-	<7	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g		-	-	<4	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g		-	-	<8	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g		-	-	<6	-	120	ug/g
<b>Semi-Volatiles</b>								
Acenaphthene	0.02 ug/g		-	<0.02	-	-	0.072	ug/g
Acenaphthylene	0.02 ug/g		-	<0.02	-	-	0.093	ug/g
Anthracene	0.02 ug/g		-	<0.02	-	-	0.16	ug/g
Benzo [a] anthracene	0.02 ug/g		-	<0.02	-	-	0.36	ug/g
Benzo [a] pyrene	0.02 ug/g		-	<0.02	-	-	0.3	ug/g
Benzo [b] fluoranthene	0.02 ug/g		-	<0.02	-	-	0.47	ug/g
Benzo [g,h,i] perylene	0.02 ug/g		-	<0.02	-	-	0.68	ug/g
Benzo [k] fluoranthene	0.02 ug/g		-	<0.02	-	-	0.48	ug/g
Chrysene	0.02 ug/g		-	<0.02	-	-	2.8	ug/g
Dibenzo [a,h] anthracene	0.02 ug/g		-	<0.02	-	-	0.1	ug/g
Fluoranthene	0.02 ug/g		-	<0.02	-	-	0.56	ug/g
Fluorene	0.02 ug/g		-	<0.02	-	-	0.12	ug/g
Indeno [1,2,3-cd] pyrene	0.02 ug/g		-	<0.02	-	-	0.23	ug/g
1-Methylnaphthalene	0.02 ug/g		-	<0.02	-	-	0.59	ug/g
2-Methylnaphthalene	0.02 ug/g		-	<0.02	-	-	0.59	ug/g
Methylnaphthalene (1&2)	0.04 ug/g		-	<0.04	-	-	0.59	ug/g
Naphthalene	0.01 ug/g		-	<0.01	-	-	0.09	ug/g
Phenanthrene	0.02 ug/g		-	<0.02	-	-	0.69	ug/g
Pyrene	0.02 ug/g		-	<0.02	-	-	1	ug/g

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Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020	
	Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					
2-Fluorobiphenyl	Surrogate	-	70.0%	-	-	
Terphenyl-d14	Surrogate	-	93.9%	-	-	
<b>PCBs</b>						
PCBs, total	0.05 ug/g	-	<0.05	-	-	0.3 ug/g
Decachlorobiphenyl	Surrogate	-	111%	-	-	



Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**General Inorganics**

Conductivity ND 5 uS/cm

**Hydrocarbons**

F1 PHCs (C6-C10) ND 7 ug/g  
F2 PHCs (C10-C16) ND 4 ug/g  
F3 PHCs (C16-C34) ND 8 ug/g  
F4 PHCs (C34-C50) ND 6 ug/g

**Metals**

Antimony ND 1.0 ug/g  
Arsenic ND 1.0 ug/g  
Barium ND 1.0 ug/g  
Beryllium ND 0.5 ug/g  
Boron ND 5.0 ug/g  
Cadmium ND 0.5 ug/g  
Chromium ND 5.0 ug/g  
Cobalt ND 1.0 ug/g  
Copper ND 5.0 ug/g  
Lead ND 1.0 ug/g  
Molybdenum ND 1.0 ug/g  
Nickel ND 5.0 ug/g  
Selenium ND 1.0 ug/g  
Silver ND 0.3 ug/g  
Thallium ND 1.0 ug/g  
Uranium ND 1.0 ug/g  
Vanadium ND 10.0 ug/g  
Zinc ND 20.0 ug/g

**PCBs**

PCBs, total ND 0.05 ug/g  
Surrogate: Decachlorobiphenyl 0.0993 ug/g 99.3 60-140

**Semi-Volatiles**

Acenaphthene ND 0.02 ug/g  
Acenaphthylene ND 0.02 ug/g  
Anthracene ND 0.02 ug/g  
Benzo [a] anthracene ND 0.02 ug/g  
Benzo [a] pyrene ND 0.02 ug/g  
Benzo [b] fluoranthene ND 0.02 ug/g  
Benzo [g,h,i] perylene ND 0.02 ug/g  
Benzo [k] fluoranthene ND 0.02 ug/g  
Chrysene ND 0.02 ug/g  
Dibenzo [a,h] anthracene ND 0.02 ug/g

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Fluoranthene	ND	0.02	ug/g						
Fluorene	ND	0.02	ug/g						
Indeno [1,2,3-cd] pyrene	ND	0.02	ug/g						
1-Methylnaphthalene	ND	0.02	ug/g						
2-Methylnaphthalene	ND	0.02	ug/g						
Methylnaphthalene (1&2)	ND	0.04	ug/g						
Naphthalene	ND	0.01	ug/g						
Phenanthrene	ND	0.02	ug/g						
Pyrene	ND	0.02	ug/g						
Surrogate: 2-Fluorobiphenyl	1.08		ug/g		81.0	50-140			
Surrogate: Terphenyl-d14	1.37		ug/g		103	50-140			
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Ethylene dibromide (dibromoethane, 1,2-	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						

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Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.68		ug/g		109	50-140			
Surrogate: Dibromofluoromethane	7.90		ug/g		98.7	50-140			
Surrogate: Toluene-d8	8.49		ug/g		106	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 31-Dec-2020  
 Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.56	0.01	N/A	0.51			9.4	30	
Conductivity	1110	5	uS/cm	1120			0.6	5	
pH	7.61	0.05	pH Units	7.62			0.1	2.3	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	1.1	1.0	ug/g	ND			NC	30	
Arsenic	5.3	1.0	ug/g	6.0			12.2	30	
Barium	45.0	1.0	ug/g	50.0			10.6	30	
Beryllium	0.7	0.5	ug/g	0.7			5.8	30	
Boron	ND	5.0	ug/g	ND			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	24.3	5.0	ug/g	27.4			12.0	30	
Cobalt	7.4	1.0	ug/g	8.6			14.0	30	
Copper	11.5	5.0	ug/g	13.2			13.6	30	
Lead	11.9	1.0	ug/g	13.0			8.5	30	
Molybdenum	1.8	1.0	ug/g	1.8			0.6	30	
Nickel	15.3	5.0	ug/g	17.9			15.4	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	32.4	10.0	ug/g	36.9			13.0	30	
Zinc	32.4	20.0	ug/g	36.5			11.9	30	
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g	ND			NC	40	
Surrogate: Decachlorobiphenyl	0.123		ug/g		104	60-140			
<b>Physical Characteristics</b>									
% Solids	89.9	0.1	% by Wt.	90.8			0.9	25	
<b>Semi-Volatiles</b>									
Acenaphthene	ND	0.02	ug/g	ND			NC	40	
Acenaphthylene	ND	0.02	ug/g	ND			NC	40	
Anthracene	ND	0.02	ug/g	ND			NC	40	
Benzo [a] anthracene	0.036	0.02	ug/g	0.050			32.4	40	
Benzo [a] pyrene	0.052	0.02	ug/g	0.075			37.2	40	

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Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Benzo [b] fluoranthene	0.055	0.02	ug/g	0.083			NC	40	
Benzo [g,h,i] perylene	0.039	0.02	ug/g	0.061			NC	40	
Benzo [k] fluoranthene	0.025	0.02	ug/g	0.044			NC	40	
Chrysene	0.055	0.02	ug/g	0.062			11.7	40	
Dibenzo [a,h] anthracene	ND	0.02	ug/g	ND			NC	40	
Fluoranthene	0.074	0.02	ug/g	0.089			18.3	40	
Fluorene	ND	0.02	ug/g	ND			NC	40	
Indeno [1,2,3-cd] pyrene	0.034	0.02	ug/g	0.052			NC	40	
1-Methylnaphthalene	ND	0.02	ug/g	ND			NC	40	
2-Methylnaphthalene	ND	0.02	ug/g	ND			NC	40	
Naphthalene	ND	0.01	ug/g	ND			NC	40	
Phenanthrene	0.030	0.02	ug/g	0.031			1.7	40	
Pyrene	0.071	0.02	ug/g	0.088			21.5	40	
Surrogate: 2-Fluorobiphenyl	1.33		ug/g		76.3	50-140			
Surrogate: Terphenyl-d14	1.70		ug/g		97.6	50-140			
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Ethylene dibromide (dibromoethane, 1,2-	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	

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Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	9.79		ug/g		112	50-140			
Surrogate: Dibromofluoromethane	9.53		ug/g		109	50-140			
Surrogate: Toluene-d8	9.41		ug/g		108	50-140			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	215	7	ug/g	ND	108	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	91.2	60-140			
F3 PHCs (C16-C34)	242	8	ug/g	ND	112	60-140			
F4 PHCs (C34-C50)	145	6	ug/g	ND	106	60-140			
<b>Metals</b>									
Antimony	44.7	1.0	ug/g	ND	89.2	70-130			
Arsenic	49.1	1.0	ug/g	2.4	93.4	70-130			
Barium	63.0	1.0	ug/g	20.0	86.0	70-130			
Beryllium	48.2	0.5	ug/g	ND	95.9	70-130			
Boron	45.8	5.0	ug/g	ND	88.5	70-130			
Cadmium	44.2	0.5	ug/g	ND	88.4	70-130			
Chromium	56.8	5.0	ug/g	11.0	91.7	70-130			
Cobalt	48.0	1.0	ug/g	3.4	89.2	70-130			
Copper	49.3	5.0	ug/g	5.3	88.2	70-130			
Lead	48.3	1.0	ug/g	5.2	86.2	70-130			
Molybdenum	47.3	1.0	ug/g	ND	93.3	70-130			
Nickel	52.6	5.0	ug/g	7.2	90.9	70-130			
Selenium	45.6	1.0	ug/g	ND	90.8	70-130			
Silver	41.3	0.3	ug/g	ND	82.4	70-130			
Thallium	43.7	1.0	ug/g	ND	87.2	70-130			
Uranium	45.6	1.0	ug/g	ND	90.6	70-130			
Vanadium	60.4	10.0	ug/g	14.8	91.2	70-130			
Zinc	57.2	20.0	ug/g	ND	85.1	70-130			
<b>PCBs</b>									
PCBs, total	0.467	0.05	ug/g	ND	98.6	60-140			
Surrogate: Decachlorobiphenyl	0.127		ug/g		107	60-140			
<b>Semi-Volatiles</b>									
Acenaphthene	0.178	0.02	ug/g	ND	81.5	50-140			
Acenaphthylene	0.177	0.02	ug/g	ND	81.2	50-140			
Anthracene	0.187	0.02	ug/g	ND	86.0	50-140			
Benzo [a] anthracene	0.203	0.02	ug/g	0.050	70.3	50-140			
Benzo [a] pyrene	0.242	0.02	ug/g	0.075	76.7	50-140			
Benzo [b] fluoranthene	0.292	0.02	ug/g	0.083	95.6	50-140			

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Benzo [g,h,i] perylene	0.220	0.02	ug/g	0.061	73.0	50-140			
Benzo [k] fluoranthene	0.226	0.02	ug/g	0.044	83.2	50-140			
Chrysene	0.264	0.02	ug/g	0.062	92.8	50-140			
Dibenzo [a,h] anthracene	0.172	0.02	ug/g	ND	79.0	50-140			
Fluoranthene	0.275	0.02	ug/g	0.089	85.5	50-140			
Fluorene	0.167	0.02	ug/g	ND	76.8	50-140			
Indeno [1,2,3-cd] pyrene	0.213	0.02	ug/g	0.052	74.1	50-140			
1-Methylnaphthalene	0.184	0.02	ug/g	ND	84.6	50-140			
2-Methylnaphthalene	0.200	0.02	ug/g	ND	91.7	50-140			
Naphthalene	0.205	0.01	ug/g	ND	94.2	50-140			
Phenanthrene	0.194	0.02	ug/g	0.031	75.0	50-140			
Pyrene	0.280	0.02	ug/g	0.088	87.9	50-140			
Surrogate: 2-Fluorobiphenyl	1.37		ug/g		78.5	50-140			
Surrogate: Terphenyl-d14	1.72		ug/g		98.4	50-140			
<b>Volatiles</b>									
Acetone	13.7	0.50	ug/g	ND	137	50-140			
Benzene	4.66	0.02	ug/g	ND	116	60-130			
Bromodichloromethane	4.75	0.05	ug/g	ND	119	60-130			
Bromoform	2.84	0.05	ug/g	ND	71.0	60-130			
Bromomethane	4.87	0.05	ug/g	ND	122	50-140			
Carbon Tetrachloride	4.63	0.05	ug/g	ND	116	60-130			
Chlorobenzene	4.37	0.05	ug/g	ND	109	60-130			
Chloroform	4.05	0.05	ug/g	ND	101	60-130			
Dibromochloromethane	4.70	0.05	ug/g	ND	117	60-130			
Dichlorodifluoromethane	4.49	0.05	ug/g	ND	112	50-140			
1,2-Dichlorobenzene	4.11	0.05	ug/g	ND	103	60-130			
1,3-Dichlorobenzene	4.33	0.05	ug/g	ND	108	60-130			
1,4-Dichlorobenzene	4.25	0.05	ug/g	ND	106	60-130			
1,1-Dichloroethane	4.17	0.05	ug/g	ND	104	60-130			
1,2-Dichloroethane	3.92	0.05	ug/g	ND	97.9	60-130			
1,1-Dichloroethylene	4.69	0.05	ug/g	ND	117	60-130			
cis-1,2-Dichloroethylene	4.20	0.05	ug/g	ND	105	60-130			
trans-1,2-Dichloroethylene	4.35	0.05	ug/g	ND	109	60-130			
1,2-Dichloropropane	4.40	0.05	ug/g	ND	110	60-130			
cis-1,3-Dichloropropylene	3.61	0.05	ug/g	ND	90.4	60-130			



Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
trans-1,3-Dichloropropylene	3.37	0.05	ug/g	ND	84.1	60-130			
Ethylbenzene	4.48	0.05	ug/g	ND	112	60-130			
Ethylene dibromide (dibromoethane, 1,2-	4.43	0.05	ug/g	ND	111	60-130			
Hexane	4.79	0.05	ug/g	ND	120	60-130			
Methyl Ethyl Ketone (2-Butanone)	9.93	0.50	ug/g	ND	99.3	50-140			
Methyl Isobutyl Ketone	8.29	0.50	ug/g	ND	82.9	50-140			
Methyl tert-butyl ether	9.94	0.05	ug/g	ND	99.4	50-140			
Methylene Chloride	4.48	0.05	ug/g	ND	112	60-130			
Styrene	3.53	0.05	ug/g	ND	88.2	60-130			
1,1,1,2-Tetrachloroethane	4.96	0.05	ug/g	ND	124	60-130			
1,1,2,2-Tetrachloroethane	3.48	0.05	ug/g	ND	87.1	60-130			
Tetrachloroethylene	3.54	0.05	ug/g	ND	88.5	60-130			
Toluene	4.50	0.05	ug/g	ND	113	60-130			
1,1,1-Trichloroethane	4.71	0.05	ug/g	ND	118	60-130			
1,1,2-Trichloroethane	4.15	0.05	ug/g	ND	104	60-130			
Trichloroethylene	4.24	0.05	ug/g	ND	106	60-130			
Trichlorofluoromethane	4.75	0.05	ug/g	ND	119	50-140			
Vinyl chloride	5.16	0.02	ug/g	ND	129	50-140			
m,p-Xylenes	8.18	0.05	ug/g	ND	102	60-130			
o-Xylene	4.09	0.05	ug/g	ND	102	60-130			
Surrogate: 4-Bromofluorobenzene	8.67		ug/g		108	50-140			
Surrogate: Dibromofluoromethane	8.10		ug/g		101	50-140			
Surrogate: Toluene-d8	8.36		ug/g		105	50-140			

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

QC Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Laurent Blvd  
P.O. K1G 4J8  
1947  
paracellabs.com  
labs.com

Paracel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Sample Taken	Date	Time	ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs	PCBs						
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																		
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																		
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																		
Sample ID/Location Name		Matrix	Air Volume	# of Containers																		
1	BH-07-2-D	S		2	Dec. 21/20	9:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
2	BH-07-3-C	S		1	Dec. 21/20	9:25									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
3	BH-07-4-D	S		2	Dec. 21/20	9:30					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
4	BH-07-5-C	S		1	Dec. 21/20	9:35																
5	BH-07-6-D	S		2	Dec. 21/20	9:55				<input checked="" type="checkbox"/>												
6	Dup BB	S		2	Dec. 21/20	-																
7																						
8																						
9																						
10																						

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <i>DRUP BOX</i>	
Relinquished By (Sign): <i>kelly.patterson</i> <small>Digitally signed by kelly.patterson Date: 2020.12.21 18:14:58 +09'00'</small>	Received By Driver/Depot:	Received at Lab: <i>Suneeporn Rohmai</i>	Verified By: <i>BE</i>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <i>DEC 22, 2020 10:50</i>	Date/Time: <i>Dec 22, 20 11:33</i>
Date/Time: Dec. 21/20 @ 12:15	Temperature: °C	Temperature: <i>8.3</i>	pH Verified: <input type="checkbox"/> By:



Client Name: <u>Wood</u>	Project Ref: <u>ORIAM 2008/2000</u>	Page <u>1</u> of <u>1</u>
Contact Name: <u>Kelly Patterson</u>	Quote #: <u>20-513</u>	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Address: <del>5300 Remittance Hwy</del> <u>110 James St, Suite 301</u> <u>St. Catharines, ON L2R 2P8</u>	PO #:	
Telephone: <u>905-687-6616</u>	E-mail: <u>kelly.patterson@woodplc.com</u>	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis													
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		PHCs F1-F4+BTEX	VOCs	PAHs	Metals by ICP			CrVI	B (HWS)	EC, SAR, pH	PCB
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA									Hg						
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm															
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____															
Sample ID/Location Name																			
1	BH-07-2-D	S		2	Dec 21/20	11:00													
2	BH-07-3-C			1		11:05													
3	BH-07-4-D			2		11:10													
4	BH-07-5-C			1		11:15													
5	BH-07-6-D			2		11:20													
6	Dup BB			2		-													
7																			
8																			
9																			
10																			

Comments: <u>Covered by the TRC of 5NA07-003.</u>		Method of Delivery: <u>drop box</u>	
Please hold remaining samples for potential future analysis.			
Relinquished By (Sign): <u>Brian H</u>	Received By Driver/Depot:	Received at Lab: <u>Shreeparn Dohmar</u>	Verified By: <u>Brian</u>
Relinquished By (Print): <u>Brian H</u>	Date/Time:	<u>DEC 22, 2020 10:50</u>	Date/Time: <u>Dec 22, 2020 11:33</u>
Date/Time: <u>Dec 21/20 @ 12:15</u>	Temperature: <u>8.3</u> °C	Temperature: <u>8.3</u> °C	pH Verified: <input type="checkbox"/> By: <u>NA</u>

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody: 56363

Report Date: 19-Jan-2021  
Order Date: 13-Jan-2021

**Order #: 2103308**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
2103308-01	BH-P01
2103308-02	BH-P02
2103308-03	Dup WA

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
PHC F1	CWS Tier 1 - P&T GC-FID	15-Jan-21	18-Jan-21
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	18-Jan-21	19-Jan-21
REG 153: Metals by ICP/MS, water	EPA 200.8, ICP-MS	15-Jan-21	15-Jan-21
REG 153: VOCs by P&T GC-MS	EPA 624 - P&T GC-MS	15-Jan-21	18-Jan-21

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Groundwater
BH-P01	Uranium	0.2 ug/L	24.6	8.9 ug/L
BH-P02	Silver	0.2 ug/L	0.4	0.3 ug/L
Dup WA	Silver	0.2 ug/L	0.4	0.3 ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater
Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-	
Sample ID:	2103308-01	2103308-02	2103308-03	-	
Matrix:	Water	Water	Water	-	
MDL/Units					

Metals						
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	-	1.5 ug/L
Arsenic	1.0 ug/L	<1.0	1.2	1.2	-	13 ug/L
Barium	1.0 ug/L	45.3	83.4	81.8	-	610 ug/L
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Boron	10.0 ug/L	225	161	157	-	1,700 ug/L
Cadmium	0.2 ug/L	<0.2	<0.2	<0.2	-	0.5 ug/L
Chromium	1.0 ug/L	<1.0	<1.0	<1.0	-	11 ug/L
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	-	3.8 ug/L
Copper	0.5 ug/L	2.9	1.1	2.8	-	5 ug/L
Lead	0.2 ug/L	<0.2	<0.2	<0.2	-	1.9 ug/L
Molybdenum	0.5 ug/L	6.3	10.4	10.5	-	23 ug/L
Nickel	1.0 ug/L	<1.0	1.5	1.5	-	14 ug/L
Selenium	1.0 ug/L	<1.0	<1.0	<1.0	-	5 ug/L
Silver	0.2 ug/L	<0.2	0.4	0.4	-	0.3 ug/L
Thallium	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Uranium	0.2 ug/L	24.6	6.6	6.4	-	8.9 ug/L
Vanadium	0.5 ug/L	1.1	1.2	1.3	-	3.9 ug/L
Zinc	5.0 ug/L	<5.0	24.7	25.2	-	160 ug/L

Volatiles						
Acetone	5.0 ug/L	<5.0	<5.0	<5.0	-	2,700 ug/L
Benzene	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Bromodichloromethane	0.5 ug/L	<0.5	<0.5	<0.5	-	2 ug/L
Bromoform	0.5 ug/L	<0.5	<0.5	<0.5	-	5 ug/L



Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater	
		Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-		
		Sample ID:	2103308-01	2103308-02	2103308-03	-		
		Matrix:	Water	Water	Water	-		
Bromomethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.89	ug/L
Carbon Tetrachloride	0.2 ug/L		<0.2	<0.2	<0.2	-	0.2	ug/L
Chlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Chloroform	0.5 ug/L		<0.5	<0.5	<0.5	-	2	ug/L
Dibromochloromethane	0.5 ug/L		<0.5	<0.5	<0.5	-	2	ug/L
Dichlorodifluoromethane	1.0 ug/L		<1.0	<1.0	<1.0	-	590	ug/L
1,2-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,3-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,4-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1-Dichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,2-Dichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
cis-1,2-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	1.6	ug/L
trans-1,2-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	1.6	ug/L
1,2-Dichloropropane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
cis-1,3-Dichloropropylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
trans-1,3-Dichloropropylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
1,3-Dichloropropene, total	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Ethylbenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Ethylene dibromide (dibromoethane)	0.2 ug/L		<0.2	<0.2	<0.2	-	0.2	ug/L
Hexane	1.0 ug/L		<1.0	<1.0	<1.0	-	5	ug/L
Methyl Ethyl Ketone (2-Butanone)	5.0 ug/L		<5.0	<5.0	<5.0	-	400	ug/L
Methyl Isobutyl Ketone	5.0 ug/L		<5.0	<5.0	<5.0	-	640	ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater	
		Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-		
		Sample ID:	2103308-01	2103308-02	2103308-03	-		
		Matrix:	Water	Water	Water	-		
Methyl tert-butyl ether	2.0 ug/L		<2.0	<2.0	<2.0	-	15	ug/L
Methylene Chloride	5.0 ug/L		<5.0	<5.0	<5.0	-	5	ug/L
Styrene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1,1,2-Tetrachloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	1.1	ug/L
1,1,2,2-Tetrachloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Tetrachloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Toluene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.8	ug/L
1,1,1-Trichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1,2-Trichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Trichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Trichlorofluoromethane	1.0 ug/L		<1.0	<1.0	<1.0	-	150	ug/L
Vinyl chloride	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
m,p-Xylenes	0.5 ug/L		<0.5	<0.5	<0.5	-		
o-Xylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
Xylenes, total	0.5 ug/L		<0.5	<0.5	<0.5	-	72	ug/L
4-Bromofluorobenzene	Surrogate		98.3%	102%	99.6%	-		
Dibromofluoromethane	Surrogate		73.9%	73.1%	76.0%	-		
Toluene-d8	Surrogate		108%	108%	109%	-		
<b>Hydrocarbons</b>								
F1 PHCs (C6-C10)	25 ug/L		<25	<25	<25	-	420	ug/L
F2 PHCs (C10-C16)	100 ug/L		<100	<100	<100	-	150	ug/L
F3 PHCs (C16-C34)	100 ug/L		<100	<100	<100	-	500	ug/L
F4 PHCs (C34-C50)	100 ug/L		<100	<100	<100	-	500	ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**Hydrocarbons**

F1 PHCs (C6-C10)	ND	25	ug/L
F2 PHCs (C10-C16)	ND	100	ug/L
F3 PHCs (C16-C34)	ND	100	ug/L
F4 PHCs (C34-C50)	ND	100	ug/L

**Metals**

Antimony	ND	0.5	ug/L
Arsenic	ND	1.0	ug/L
Barium	ND	1.0	ug/L
Beryllium	ND	0.5	ug/L
Boron	ND	10.0	ug/L
Cadmium	ND	0.2	ug/L
Chromium	ND	1.0	ug/L
Cobalt	ND	0.5	ug/L
Copper	ND	0.5	ug/L
Lead	ND	0.2	ug/L
Molybdenum	ND	0.5	ug/L
Nickel	ND	1.0	ug/L
Selenium	ND	1.0	ug/L
Silver	ND	0.2	ug/L
Thallium	ND	0.5	ug/L
Uranium	ND	0.2	ug/L
Vanadium	ND	0.5	ug/L
Zinc	ND	5.0	ug/L

**Volatiles**

Acetone	ND	5.0	ug/L
Benzene	ND	0.5	ug/L
Bromodichloromethane	ND	0.5	ug/L
Bromoform	ND	0.5	ug/L
Bromomethane	ND	0.5	ug/L
Carbon Tetrachloride	ND	0.2	ug/L
Chlorobenzene	ND	0.5	ug/L
Chloroform	ND	0.5	ug/L
Dibromochloromethane	ND	0.5	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	0.5	ug/L
1,3-Dichlorobenzene	ND	0.5	ug/L
1,4-Dichlorobenzene	ND	0.5	ug/L
1,1-Dichloroethane	ND	0.5	ug/L
1,2-Dichloroethane	ND	0.5	ug/L
1,1-Dichloroethylene	ND	0.5	ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
cis-1,2-Dichloroethylene	ND	0.5	ug/L						
trans-1,2-Dichloroethylene	ND	0.5	ug/L						
1,2-Dichloropropane	ND	0.5	ug/L						
cis-1,3-Dichloropropylene	ND	0.5	ug/L						
trans-1,3-Dichloropropylene	ND	0.5	ug/L						
1,3-Dichloropropene, total	ND	0.5	ug/L						
Ethylbenzene	ND	0.5	ug/L						
Ethylene dibromide (dibromoethane, 1,2-	ND	0.2	ug/L						
Hexane	ND	1.0	ug/L						
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L						
Methyl Isobutyl Ketone	ND	5.0	ug/L						
Methyl tert-butyl ether	ND	2.0	ug/L						
Methylene Chloride	ND	5.0	ug/L						
Styrene	ND	0.5	ug/L						
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L						
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L						
Tetrachloroethylene	ND	0.5	ug/L						
Toluene	ND	0.5	ug/L						
1,1,1-Trichloroethane	ND	0.5	ug/L						
1,1,2-Trichloroethane	ND	0.5	ug/L						
Trichloroethylene	ND	0.5	ug/L						
Trichlorofluoromethane	ND	1.0	ug/L						
Vinyl chloride	ND	0.5	ug/L						
m,p-Xylenes	ND	0.5	ug/L						
o-Xylene	ND	0.5	ug/L						
Xylenes, total	ND	0.5	ug/L						
Surrogate: 4-Bromofluorobenzene	81.2		ug/L		101	50-140			
Surrogate: Dibromofluoromethane	59.3		ug/L		74.1	50-140			
Surrogate: Toluene-d8	86.6		ug/L		108	50-140			

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	25	ug/L	ND			NC	30	
<b>Metals</b>									
Antimony	ND	0.5	ug/L	ND			NC	20	
Arsenic	ND	1.0	ug/L	ND			NC	20	
Barium	45.0	1.0	ug/L	45.3			0.6	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	219	100	ug/L	225			2.8	20	
Cadmium	ND	0.2	ug/L	ND			NC	20	
Chromium	ND	1.0	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	3.1	0.5	ug/L	2.9			5.9	20	
Lead	ND	0.2	ug/L	ND			NC	20	
Molybdenum	6.8	0.5	ug/L	6.3			6.5	20	
Nickel	1.0	1.0	ug/L	ND			NC	20	
Selenium	ND	1.0	ug/L	ND			NC	20	
Silver	ND	0.2	ug/L	ND			NC	20	
Thallium	ND	0.5	ug/L	ND			NC	20	
Uranium	24.8	0.2	ug/L	24.6			0.7	20	
Vanadium	1.2	0.5	ug/L	1.1			4.8	20	
Zinc	ND	5.0	ug/L	ND			NC	20	
<b>Volatiles</b>									
Acetone	ND	5.0	ug/L	ND			NC	30	
Benzene	ND	0.5	ug/L	ND			NC	30	
Bromodichloromethane	ND	0.5	ug/L	ND			NC	30	
Bromoform	ND	0.5	ug/L	ND			NC	30	
Bromomethane	ND	0.5	ug/L	ND			NC	30	
Carbon Tetrachloride	ND	0.2	ug/L	ND			NC	30	
Chlorobenzene	ND	0.5	ug/L	ND			NC	30	
Chloroform	ND	0.5	ug/L	ND			NC	30	
Dibromochloromethane	ND	0.5	ug/L	ND			NC	30	
Dichlorodifluoromethane	ND	1.0	ug/L	ND			NC	30	
1,2-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,3-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,4-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,1-Dichloroethane	ND	0.5	ug/L	ND			NC	30	
1,2-Dichloroethane	ND	0.5	ug/L	ND			NC	30	
1,1-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	
cis-1,2-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	
trans-1,2-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloropropane	ND	0.5	ug/L	ND			NC	30	
cis-1,3-Dichloropropylene	ND	0.5	ug/L	ND			NC	30	
trans-1,3-Dichloropropylene	ND	0.5	ug/L	ND			NC	30	
Ethylbenzene	ND	0.5	ug/L	ND			NC	30	
Ethylene dibromide (dibromoethane, 1,2-	ND	0.2	ug/L	ND			NC	30	
Hexane	ND	1.0	ug/L	ND			NC	30	
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L	ND			NC	30	
Methyl Isobutyl Ketone	ND	5.0	ug/L	ND			NC	30	
Methyl tert-butyl ether	ND	2.0	ug/L	ND			NC	30	
Methylene Chloride	ND	5.0	ug/L	ND			NC	30	
Styrene	ND	0.5	ug/L	ND			NC	30	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	ND			NC	30	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	ND			NC	30	
Tetrachloroethylene	ND	0.5	ug/L	ND			NC	30	
Toluene	ND	0.5	ug/L	ND			NC	30	
1,1,1-Trichloroethane	ND	0.5	ug/L	ND			NC	30	
1,1,2-Trichloroethane	ND	0.5	ug/L	ND			NC	30	
Trichloroethylene	ND	0.5	ug/L	ND			NC	30	
Trichlorofluoromethane	ND	1.0	ug/L	ND			NC	30	
Vinyl chloride	ND	0.5	ug/L	ND			NC	30	
m,p-Xylenes	ND	0.5	ug/L	ND			NC	30	
o-Xylene	ND	0.5	ug/L	ND			NC	30	
Surrogate: 4-Bromofluorobenzene	80.5		ug/L		101	50-140			
Surrogate: Dibromofluoromethane	58.1		ug/L		72.7	50-140			
Surrogate: Toluene-d8	86.8		ug/L		109	50-140			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 19-Jan-2021  
Order Date: 13-Jan-2021

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	690	25	ug/L	ND	97.6	68-117			
F2 PHCs (C10-C16)	1480	100	ug/L	ND	89.8	60-140			
F3 PHCs (C16-C34)	3350	100	ug/L	ND	90.3	60-140			
F4 PHCs (C34-C50)	2330	100	ug/L	ND	87.4	60-140			
<b>Metals</b>									
Antimony	52.6	0.5	ug/L	ND	105	70-130			
Arsenic	60.6	1.0	ug/L	ND	121	70-130			
Barium	93.8	1.0	ug/L	45.3	97.1	70-130			
Beryllium	48.8	0.5	ug/L	ND	97.6	70-130			
Boron	241	10.0	ug/L	225	32.7	70-130			QM-4X
Cadmium	47.4	0.2	ug/L	ND	94.8	70-130			
Chromium	48.9	1.0	ug/L	ND	97.7	70-130			
Cobalt	46.4	0.5	ug/L	ND	92.7	70-130			
Copper	49.0	0.5	ug/L	2.9	92.1	70-130			
Lead	46.7	0.2	ug/L	ND	93.4	70-130			
Molybdenum	58.0	0.5	ug/L	6.3	103	70-130			
Nickel	46.5	1.0	ug/L	ND	93.0	70-130			
Selenium	63.7	1.0	ug/L	ND	127	70-130			
Silver	35.7	0.2	ug/L	ND	71.5	70-130			
Thallium	47.0	0.5	ug/L	ND	93.9	70-130			
Uranium	74.7	0.2	ug/L	24.6	100	70-130			
Vanadium	51.9	0.5	ug/L	1.1	101	70-130			
Zinc	57.7	5.0	ug/L	ND	115	70-130			
<b>Volatiles</b>									
Acetone	129	5.0	ug/L	ND	132	50-140			
Benzene	42.4	0.5	ug/L	ND	105	50-140			
Bromodichloromethane	38.8	0.5	ug/L	ND	96.5	50-140			
Bromoform	40.3	0.5	ug/L	ND	100	50-140			
Bromomethane	39.5	0.5	ug/L	ND	98.8	50-140			
Carbon Tetrachloride	38.7	0.2	ug/L	ND	96.7	50-140			
Chlorobenzene	39.7	0.5	ug/L	ND	98.8	50-140			
Chloroform	39.3	0.5	ug/L	ND	97.7	50-140			
Dibromochloromethane	40.3	0.5	ug/L	ND	101	50-140			

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	40.6	1.0	ug/L	ND	102	50-140			
1,2-Dichlorobenzene	40.8	0.5	ug/L	ND	102	50-140			
1,3-Dichlorobenzene	40.5	0.5	ug/L	ND	101	50-140			
1,4-Dichlorobenzene	40.3	0.5	ug/L	ND	100	50-140			
1,1-Dichloroethane	37.4	0.5	ug/L	ND	93.6	50-140			
1,2-Dichloroethane	41.4	0.5	ug/L	ND	103	50-140			
1,1-Dichloroethylene	34.5	0.5	ug/L	ND	86.2	50-140			
cis-1,2-Dichloroethylene	36.7	0.5	ug/L	ND	91.3	50-140			
trans-1,2-Dichloroethylene	36.8	0.5	ug/L	ND	91.6	50-140			
1,2-Dichloropropane	40.7	0.5	ug/L	ND	102	50-140			
cis-1,3-Dichloropropylene	40.3	0.5	ug/L	ND	101	50-140			
trans-1,3-Dichloropropylene	40.6	0.5	ug/L	ND	101	50-140			
Ethylbenzene	41.0	0.5	ug/L	ND	102	50-140			
Ethylene dibromide (dibromoethane, 1,2-)	39.9	0.2	ug/L	ND	99.2	50-140			
Hexane	36.2	1.0	ug/L	ND	90.5	50-140			
Methyl Ethyl Ketone (2-Butanone)	118	5.0	ug/L	ND	115	50-140			
Methyl Isobutyl Ketone	133	5.0	ug/L	ND	136	50-140			
Methyl tert-butyl ether	102	2.0	ug/L	ND	102	50-140			
Methylene Chloride	41.3	5.0	ug/L	ND	103	50-140			
Styrene	41.2	0.5	ug/L	ND	102	50-140			
1,1,1,2-Tetrachloroethane	40.5	0.5	ug/L	ND	101	50-140			
1,1,2,2-Tetrachloroethane	42.9	0.5	ug/L	ND	107	50-140			
Tetrachloroethylene	39.9	0.5	ug/L	ND	99.4	50-140			
Toluene	41.4	0.5	ug/L	ND	104	50-140			
1,1,1-Trichloroethane	36.9	0.5	ug/L	ND	92.2	50-140			
1,1,2-Trichloroethane	41.2	0.5	ug/L	ND	102	50-140			
Trichloroethylene	40.8	0.5	ug/L	ND	101	50-140			
Trichlorofluoromethane	36.2	1.0	ug/L	ND	90.4	50-140			
Vinyl chloride	38.6	0.5	ug/L	ND	96.4	50-140			
m,p-Xylenes	81.4	0.5	ug/L	ND	102	50-140			
o-Xylene	40.6	0.5	ug/L	ND	101	50-140			
Surrogate: 4-Bromofluorobenzene	82.5		ug/L		103	50-140			
Surrogate: Dibromofluoromethane	83.1		ug/L		104	50-140			
Surrogate: Toluene-d8	82.3		ug/L		103	50-140			



Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

**QC Qualifiers :**

QM-4X : The spike recovery was outside of QC acceptance limits due to elevated analyte concentration.

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Client Name: <u>Wood</u>	Project Ref: <u>OESAM 2008/1000</u>	Page <u>1</u> of <u>1</u>
Contact Name: <u>Kelly Patterson</u>	Quote #: <u>20-513</u>	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: <u>110 Sarnes St., Suite 201</u> <u>St. Catharines, ON L2R 7E8</u>	PO #:	
Telephone: <u>905-687-6616</u>	E-mail: <u>kelly.patterson@woodplc.com</u>	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		PHCs (FI-M)	VOCs	Metals ICP													
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Mun: _____	<input type="checkbox"/> Other: _____																					
Sample ID/Location Name																									
1	BH-P01				GW		4	Jan. 13/21	9:15	X	X	X													
2	BH-P02								10:30	X	X	X													
3	Dup WA								-	X	X	X													
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Comments: <u>Governed by the TIC of 11R407-003.</u>		Method of Delivery: <u>walkin</u>	
Relinquished By (Sign): <u>Brian Huras</u>	Received By Driver/Depot: <u>Niagara B Homenuck</u>	Received at Lab: <u>AEB</u>	Verified By: <u>B Homenuck</u>
Relinquished By (Print): <u>Brian Huras</u>	Date/Time: <u>13 Jan 21 12:15</u>	Date/Time: <u>14-Jan-21 8:30</u>	Date/Time: <u>13 Jan 21 14:00</u>
Date/Time: <u>Jan. 13/21 @ 12:10</u>	Temperature: <u>8.8</u> °C	Temperature: <u>6.6</u> °C	pH Verified: <input checked="" type="checkbox"/> By: <u>BH</u>

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00  
Project: OESAM2008.6000  
Custody: 65018

Report Date: 19-May-2022  
Order Date: 13-May-2022

**Order #: 2221025**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID
2221025-01	BH-P01
2221025-02	BH-P02
2221025-03	DUP-GW

Approved By:



Milan Ralitsch, PhD  
Senior Technical Manager

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 200.8 - ICP-MS	18-May-22	18-May-22

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

<b>Client ID:</b>	BH-P01	BH-P02	DUP-GW	-
<b>Sample Date:</b>	13-May-22 10:20	13-May-22 10:20	13-May-22 10:20	-
<b>Sample ID:</b>	2221025-01	2221025-02	2221025-03	-
<b>MDL/Units</b>	Ground Water	Ground Water	Ground Water	-

**Metals**

	MDL/Units	BH-P01	BH-P02	DUP-GW	
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	-
Arsenic	1 ug/L	<1	2	<1	-
Barium	1 ug/L	32	46	33	-
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	-
Boron	10 ug/L	129	107	128	-
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	-
Chromium	1 ug/L	<1	<1	<1	-
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	-
Copper	0.5 ug/L	1.0	1.3	0.9	-
Lead	0.1 ug/L	<0.1	<0.1	<0.1	-
Molybdenum	0.5 ug/L	5.9	4.4	5.7	-
Nickel	1 ug/L	<1	<1	3	-
Selenium	1 ug/L	<1	<1	<1	-
Silver	0.1 ug/L	<0.1	<0.1	<0.1	-
Sodium	200 ug/L	92300	143000	90800	-
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	-
Uranium	0.1 ug/L	24.2	3.8	22.9	-
Vanadium	0.5 ug/L	0.5	<0.5	0.5	-
Zinc	5 ug/L	<5	<5	<5	-

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	1	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10	ug/L						
Cadmium	ND	0.1	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Lead	ND	0.1	ug/L						
Molybdenum	ND	0.5	ug/L						
Nickel	ND	1	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Uranium	ND	0.1	ug/L						
Vanadium	ND	0.5	ug/L						
Zinc	ND	5	ug/L						

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	2.25	0.5	ug/L	1.50			NC	20	
Arsenic	ND	1	ug/L	ND			NC	20	
Barium	101	1	ug/L	99.9			0.9	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	245	10	ug/L	241			1.5	20	
Cadmium	ND	0.1	ug/L	ND			NC	20	
Chromium	ND	1	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	1.01	0.5	ug/L	1.05			3.6	20	
Lead	ND	0.1	ug/L	ND			NC	20	
Molybdenum	17.8	0.5	ug/L	18.9			6.0	20	
Nickel	ND	1	ug/L	ND			NC	20	
Selenium	ND	1	ug/L	ND			NC	20	
Silver	ND	0.1	ug/L	0.24			NC	20	
Sodium	38000	200	ug/L	39200			3.1	20	
Thallium	ND	0.1	ug/L	ND			NC	20	
Uranium	2.1	0.1	ug/L	2.3			6.2	20	
Vanadium	0.87	0.5	ug/L	0.92			5.2	20	
Zinc	ND	5	ug/L	ND			NC	20	

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	46.5	0.5	ug/L	ND	93.0	80-120			
Arsenic	49.5	1	ug/L	ND	97.2	80-120			
Barium	204	1	ug/L	162	83.7	80-120			
Beryllium	44.0	0.5	ug/L	ND	88.0	80-120			
Boron	54	10	ug/L	11	85.3	80-120			
Cadmium	41.1	0.1	ug/L	ND	82.2	80-120			
Chromium	49.6	1	ug/L	ND	98.2	80-120			
Cobalt	47.0	0.5	ug/L	ND	94.0	80-120			
Copper	44.8	0.5	ug/L	1.05	87.5	80-120			
Lead	42.3	0.1	ug/L	ND	84.5	80-120			
Molybdenum	63.3	0.5	ug/L	18.9	88.9	80-120			
Nickel	45.9	1	ug/L	ND	91.3	80-120			
Selenium	44.4	1	ug/L	ND	87.7	80-120			
Silver	54.3	0.1	ug/L	ND	109	80-120			
Sodium	31300	200	ug/L	22700	86.3	80-120			
Thallium	41.0	0.1	ug/L	ND	82.0	80-120			
Uranium	48.3	0.1	ug/L	2.3	92.1	80-120			
Vanadium	50.7	0.5	ug/L	0.92	99.5	80-120			
Zinc	45	5	ug/L	ND	84.1	80-120			



Certificate of Analysis

Report Date: 19-May-2022

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Qualifier Notes:**

*QC Qualifiers :*

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated



Client Name: Wood	Project Ref: OESAM2008.6000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 22-168	Turnaround Time
Address: 110 James St, Suite 301, St. Catharines, ON L2R 7E8	PO #: OESAM2008.6000 ***.5120.5730-00	<input type="checkbox"/> 1 day <input type="checkbox"/> 3 day
Telephone: 905-687-6616	E-mail: Kelly.patterson@woodpic.com	<input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
		Date Required: _____

REG 153/04 <input checked="" type="checkbox"/> REG 406/19 <input type="checkbox"/>		Other Regulation	Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																
<input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558 <input type="checkbox"/> PWQO		Matrix	Air Volume	# of Containers	Sample Taken		Metals	ICP												
<input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse	<input type="checkbox"/> CCME <input type="checkbox"/> MISA					Date	Time														
<input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/Other	<input type="checkbox"/> SU - Sani <input type="checkbox"/> SU - Storm																				
<input type="checkbox"/> Table _____	Mun: _____																				
For RSC: <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Other: _____																			
Sample ID/Location Name																					
1	BH-P01		GW		1	May 13/22	10:20	X													
2	BH-P02							X													
3	DUP-GW		↓		↓			X													
4	Field Blank				1	May 13/22	14:00	X													
5	Trip Blank				1			X													
6																					
7																					
8																					
9																					
10																					

Comments: governed by the t+c of SNA 07-003  
samples field filtered

Relinquished By (Signature): *[Signature]* Received By Driver/Depot: Niagara  
D'Homenice

Relinquished By (Print): Sherranne M. Date/Time: 13 May 22 15:00 Received at Lab: C-PLY Date/Time: May 16/22 8:30

Date/Time: May 13/22 15:00 Temperature: 15.9 °C Temperature: 9.8 °C Date/Time: May 16/22 10:50

Method of Delivery: Walkin  
Verified By: C-PLY  
pH Verified:  By: BH

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00  
Project: OESAM2008.6000  
Custody: 135366

Report Date: 26-May-2022  
Order Date: 13-May-2022

Revised Report

**Order #: 2221151**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID
2221151-01	Field Blank
2221151-02	Trip Blank

Approved By:



Dale Robertson, BSc  
Laboratory Director

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

### Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 200.8 - ICP-MS	18-May-22	19-May-22

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

	<b>Client ID:</b>	Field Blank	Trip Blank	-	-
	<b>Sample Date:</b>	13-May-22 14:00	13-May-22 14:00	-	-
	<b>Sample ID:</b>	2221151-01	2221151-02	-	-
	<b>MDL/Units</b>	Water	Water	-	-

**Metals**

	MDL/Units	Field Blank	Trip Blank		
Antimony	0.5 ug/L	<0.5 [1]	<0.5 [1]	-	-
Arsenic	1 ug/L	<1	<1	-	-
Barium	1 ug/L	<1	<1	-	-
Beryllium	0.5 ug/L	<0.5	<0.5	-	-
Boron	10 ug/L	<10	<10	-	-
Cadmium	0.1 ug/L	<0.1	<0.1	-	-
Chromium	1 ug/L	<1	<1	-	-
Cobalt	0.5 ug/L	<0.5	<0.5	-	-
Copper	0.5 ug/L	<0.5	<0.5	-	-
Lead	0.1 ug/L	<0.1	<0.1	-	-
Molybdenum	0.5 ug/L	<0.5	<0.5	-	-
Nickel	1 ug/L	<1	<1	-	-
Selenium	1 ug/L	<1	<1	-	-
Silver	0.1 ug/L	<0.1	<0.1	-	-
Sodium	200 ug/L	<200	<200	-	-
Thallium	0.1 ug/L	<0.1	<0.1	-	-
Uranium	0.1 ug/L	<0.1	<0.1	-	-
Vanadium	0.5 ug/L	<0.5	<0.5	-	-
Zinc	5 ug/L	<5	<5	-	-

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	1	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10	ug/L						
Cadmium	ND	0.1	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Lead	ND	0.1	ug/L						
Molybdenum	ND	0.5	ug/L						
Nickel	ND	1	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Uranium	ND	0.1	ug/L						
Vanadium	ND	0.5	ug/L						
Zinc	ND	5	ug/L						

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	1.76	0.5	ug/L	ND			NC	20	
Arsenic	ND	1	ug/L	ND			NC	20	
Barium	ND	1	ug/L	ND			NC	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	ND	10	ug/L	ND			NC	20	
Cadmium	ND	0.1	ug/L	ND			NC	20	
Chromium	ND	1	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	ND	0.5	ug/L	ND			NC	20	
Lead	ND	0.1	ug/L	ND			NC	20	
Molybdenum	ND	0.5	ug/L	ND			NC	20	
Nickel	ND	1	ug/L	ND			NC	20	
Selenium	ND	1	ug/L	ND			NC	20	
Silver	ND	0.1	ug/L	ND			NC	20	
Sodium	ND	200	ug/L	ND			NC	20	
Thallium	ND	0.1	ug/L	ND			NC	20	
Uranium	ND	0.1	ug/L	ND			NC	20	
Vanadium	ND	0.5	ug/L	ND			NC	20	
Zinc	ND	5	ug/L	ND			NC	20	

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Arsenic	49.2	1	ug/L	ND	98.2	80-120			
Barium	45.0	1	ug/L	ND	89.8	80-120			
Beryllium	50.4	0.5	ug/L	ND	101	80-120			
Boron	49	10	ug/L	ND	96.8	80-120			
Cadmium	46.0	0.1	ug/L	ND	92.0	80-120			
Chromium	50.0	1	ug/L	ND	99.9	80-120			
Cobalt	48.7	0.5	ug/L	ND	97.5	80-120			
Copper	48.1	0.5	ug/L	ND	95.9	80-120			
Lead	45.2	0.1	ug/L	ND	90.4	80-120			
Molybdenum	46.3	0.5	ug/L	ND	92.3	80-120			
Nickel	48.8	1	ug/L	ND	97.3	80-120			
Selenium	47.7	1	ug/L	ND	95.2	80-120			
Silver	46.3	0.1	ug/L	ND	92.5	80-120			
Sodium	8980	200	ug/L	ND	89.5	80-120			
Thallium	47.1	0.1	ug/L	ND	94.1	80-120			
Uranium	46.7	0.1	ug/L	ND	93.4	80-120			
Vanadium	48.9	0.5	ug/L	ND	97.8	80-120			
Zinc	49	5	ug/L	ND	97.6	80-120			



Certificate of Analysis

Report Date: 26-May-2022

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Qualifier Notes:**

**Sample Data Revisions**

1- REV 1 : Revision 1 - Sb updated based on reanalysis of the original sample.

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated



Client Name: <b>Wood</b>	Project Ref: <b>OESAM2008.6000</b>	Page <b>1</b> of <b>1</b>
Contact Name: <b>Kelly Patterson</b>	Quote #: <b>22-168</b>	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: <b>110 James St, Suite 301 St. Catharines, ON</b>	FD #: <b>OESAM2008.6000, 4444, 5120, 5730-02</b>	
Telephone: <b>905-687-6616</b>	Email: <b>kelly.patterson@woodplc.com</b>	Date Required: _____

<input checked="" type="checkbox"/> REG 15304 <input type="checkbox"/> REG 40019    Other Regulation <input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/Fine <input type="checkbox"/> REG 558 <input type="checkbox"/> PWQD <input type="checkbox"/> Table 2 <input type="checkbox"/> Inc/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> CCME <input type="checkbox"/> M/SA <input type="checkbox"/> Table 3 <input type="checkbox"/> Agr/Other <input type="checkbox"/> SU - San <input type="checkbox"/> SU - Storm <input type="checkbox"/> Table _____ <input type="checkbox"/> Other: _____ For RSC: <input type="checkbox"/> Yes <input type="checkbox"/> No		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis								
Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken		PHCs F1-F4-BTEX	VOCs	PAHs	Metals by ICP	Hg	CrVI	B (HWS)
				Date	Time							
1 <b>Field Blank</b>			1	May 13/22	14:00				<input checked="" type="checkbox"/>			
2 <b>Trip Blank</b>			1						<input checked="" type="checkbox"/>			
3												
4												
5												
6												
7												
8												
9												
10												

Comments: **governed by the tac of SWA 07-003**

Method of Delivery: \_\_\_\_\_

Relinquished By (Sign): <i>[Signature]</i>	Received At: <b>Depot</b>	Received At Lab: <i>[Signature]</i>	Verified By: <i>[Signature]</i>
Relinquished By (Print): <b>Shannon M.</b>	Date/Time: <b>May 18/22 12:53</b>	Date/Time: <b>May 17/22 10:11</b>	Date/Time: <b>May 18/22/22</b>
Date/Time: <b>May 17/22</b>	Temperature: <b>6.6</b> °C	Temperature: _____ °C	pH Verified: <input type="checkbox"/>

**APPENDIX C**  
**LIMITATIONS**

## LIMITATIONS

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of Wood's Wood's proposal (POESAM2040) and authorized by the Client on June 18, 2020;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our proposal; and,
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our proposal, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the site and attendant structures. Our conclusions cannot and are not extended to include those portions of the site or structures which were not reasonably available, in Wood's opinion, for direct observation.
4. The environmental conditions at the site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our proposal providing for testing. Other substances, or different quantities of substances testing for, may be present on site and may be revealed by different of other testing not provided for in our proposal.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, Wood must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of Wood's services during the implementation of any remedial measures will allow Wood to observe compliance with the conclusions and recommendations contained in the report. Wood's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.

9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or proposal. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information or conclusions in the report, is the sole responsibility of such third party. Wood accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of Wood Environment and Infrastructure Solutions.
11. Unless stated otherwise in the Closure Section of this Report, provided that the report is still reliable, and less than 12 months old, Wood may issue a third-party reliance letter to parties CLIENT identifies in writing, upon payment of the then current fee for such letters. All third parties relying on Wood's report, by such reliance agree to be bound by our proposal and Wood's standard reliance letter. Wood's standard reliance letter indicates that in no event shall Wood be liable for any damages, howsoever arising, relating to third-party reliance on Wood's report. No reliance by any party is permitted without such agreement.

# V3.4.5

REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

Phase 1 Environmental Site Assessment – Preferred Trunk Sewer

**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
PROPOSED SEWER ALIGNMENT &  
CONSTRUCTION SHAFTS FOR FUTURE  
WASTEWATER TREATMENT PLANT  
PORTIONS OF REIXINGER ROAD, MONTROSE  
ROAD, BROWN ROAD AND OAKWOOD DRIVE,  
NIAGARA FALLS, ONTARIO**

**NIAGARA FALLS, ONTARIO**

**Submitted to:**

**THE REGIONAL MUNICIPALITY OF NIAGARA  
1815 Sir Isaac Brock Way,  
P.O. Box 1042  
Thorold, Ontario  
L2V 4T7**

**Submitted by:**

**Wood Environment & Infrastructure Solutions  
a Division of Wood Canada Limited  
110 James Street, Suite 301,  
St. Catharines, Ontario  
L2R 7E8**

**January 17, 2022**

**OESAM2008**

Distribution:

- The Regional Municipality of Niagara – 1 Electronic Copy; and
- Wood Environment & Infrastructure Solutions – 1 Electronic Copy.

## EXECUTIVE SUMMARY

Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood), was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase I and II Environmental Site Assessment (ESA) at the property referred to as the Proposed Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario (the Site). The UTM coordinates (NAD 83) for the approximate centroid of the Site are 652952 E and 4768159 N.

At the time of the reconnaissance, the Site was owned and maintained by the City of Niagara Falls (the City) and the RMON, depending on the section of roadway. The RMON partially owns and maintains (with Ontario Power Generation; OPG) the property at 7606 Oakwood Drive, Niagara Falls.

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site for the purposes of installing a new sanitary sewer alignment and construction shafts to determine the environmental integrity of the Site.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is Wood's understanding that the Phase I and II ESAs are not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). The Phase I and II ESAs were conducted in conformance with the scope and limitations defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

Mr. Braedan Huras of Wood conducted a reconnaissance on November 3, 2020 to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. A Site representative did not accompany Wood during the reconnaissance. Ground cover conditions at the time of the Site reconnaissance were clear and dry.

Wood also interviewed the Client (represented by Ms. Jade Anema) via email on November 23, 2020.



The Site is an irregular-shaped property, approximately 5.2 kilometres (km) in length. The Site was primarily flat, except for slopes down towards ditches on either side of the roadway. The surface of the Site consisted mainly of asphalt and gravel, with some grass and vegetation between 7606 Oakwood Drive and Montrose Road. The Queen Elizabeth Way highway (QEW) crosses the Site at Reixinger Road as well as the northern portion of the Site. The surface of the Site was primarily asphalted roadway.

Based on a review of the available information sources, the majority of properties surrounding the Site were agricultural/vacant until prior to 1954, when development of industrial/commercial/ residential properties began in the area of the Site. A railway (industrial land use) has been present since prior to 1934 and crosses Montrose Road just south of the Welland River.

Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represents potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) on the Site:

- 7606 Oakwood Drive was found to have a diesel fuel aboveground fuel storage tank (AST) and transformer on-Site, and was also listed in a Technical Memorandum completed in February of 2020 by Golder Associates, provided to Wood by the Client, as having registered fuel storage tanks and has been a registered hazardous waste generator for liquid fuels and polychlorinated biphenyls (PCBs);
- The presence of a diesel fuel AST at 8108 Heartland Forest Road;
- The presence of a liquid fuel AST at 7770 Canadian Drive;
- The industrial land use (railway) that crosses Montrose Road; and
- Commercial/industrial properties located on the west side of Montrose Road, most notably 9514 (including a spill of diesel fuel), 9127, and 8485 Montrose Road.

The following table represents PCAs both on and off-Site which result in APECs on the Site:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	On-Site	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and BTEX	Ground Water

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	Off-Site	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	On-Site	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	Off-Site	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water

\*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O. Reg. 153/04* as amended, where applicable.

PHCs – Petroleum Hydrocarbons

BTEX – Benzene, Toluene, Ethylbenzene, Xylenes

PCBs – Polychlorinated Biphenyls

PAHs – Polycyclic Aromatic Hydrocarbons

VOCs – Volatile Organic Compounds

EC – Electrical Conductivity

SAR – Sodium Adsorption Ratio

As – Arsenic

Sb – Antimony

Se - Selenium

Based on the Phase I ESA completed by Wood, there is evidence of actual and potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the APECs.



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## 1.0 INTRODUCTION

### 1.1 Background

Wood Environment & Infrastructure Solutions, a division of Wood Canada Limited (Wood), was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase I and II Environmental Site Assessment (ESA) at the property referred to as the future Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario (the Site). A key plan showing the location of the Site is provided on **Figure 1**. For the purpose of this Phase I ESA report, the Site is divided into sections as follows:

- Reixinger Road, from 6811 Reixinger Road to Montrose Road (Section A);
- Montrose Road, from Reixinger Road to south of Canadian Drive (Section B);
- Brown Road, from Montrose Road to Heartland Forest Road (Section C); and
- A section of land extending in a straight line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSL SPS) to south of Canadian Drive (Section D; Figure 1).

The UTM coordinates (NAD 83) for the approximate centroid of the Site are 652952 E and 4768159 N.

At the time of the reconnaissance, the Site was owned and maintained by the City of Niagara Falls (the City) and the RMON, depending on the section of roadway. The RMON partially owns and maintains (with Ontario Power Generation; OPG) the property at 7606 Oakwood Drive, Niagara Falls. **Figure 2** illustrates the lot configuration of the Site.

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site for the purposes of installing a new sanitary sewer alignment and construction shafts to determine the environmental integrity of the Site.

A Phase I ESA is defined as a systematic qualitative process to assess the environmental condition of a Site based on its historical and current use. It is Wood's understanding that the Phase I ESA is not required for the purposes of filing a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*) (as amended by Ontario Regulation 511/09). The Phase I ESA was conducted in conformance with the scope and limitations

defined by the Canadian Standards Association (CSA) Phase I Environmental Site Assessment Z768-01 Standard (November 2001, reaffirmed 2016).

## 1.2 Scope of Work

The Phase I ESA was carried out in accordance with Wood's proposal (POESAM2040) and authorized by the Client on June 18, 2020. The scope of work for the Phase I ESA consisted of the following tasks:

- Reviewing the historical occupancy of the Site, using available archived and relevant (in Wood's opinion) municipal and business directories, fire insurance plans (FIPs), aerial photographs and previous environmental reports;
- Reviewing the current use of the Site and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Site;
- Conducting a "walk-through" visual assessment (i.e., Site reconnaissance) of the Site and building facilities to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated Site representatives as a resource for current and historical Site information, as well as to provide Wood staff with unrestricted access to all areas of the Site and Site buildings;
- Reviewing an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Site. ERIS is a national service that provides site specific environmental and property-use information. ERIS reports contain detailed government and private sector records concerning possible environmental liabilities associated with properties and their surrounding neighborhoods;
- Contacting municipal and provincial agencies to determine the existence of records of environmental regulatory non-compliance, if any, and reviewing such records where available. It should be noted that responses from these agencies might not be received prior to preparation of the report. The Client would be notified when a response is received and any additional costs to obtain these records; and



- Preparing a report of our findings.

A search of land title and assessment rolls was not conducted as a part of this investigation. A search of land ownership is unlikely to contribute any useful information regarding the environmental condition at the Site as the ownership of the property since the original development is documented in other historical records.

Mr. Braedan Huras of Wood conducted a reconnaissance on November 3, 2020 to evaluate possible on-Site issues and assess whether any surrounding land uses may have and/or are currently affecting the environmental condition of the Site. A Site representative did not accompany Wood during the reconnaissance. Ground cover conditions at the time of the Site reconnaissance were clear and dry.

Wood also interviewed the Client (represented by Ms. Jade Anema) via email on November 23, 2020. Other contacts were made as required to evaluate the existing/historical Site operations including the following:

Name	Agency or Company	Position
Mr. Noel Kent	Ministry of the Environment, Conservation and Parks (MECP) – Freedom of Information (FOI) Office	MECP FOI Manager
Ms. Sherees Thompson	Technical Standards and Safety Association (TSSA)	Public Information Agent
Mr. Alex Herlovitch	City of Niagara Falls (City)	Deputy Director of Planning & Development

These individuals and agencies were contacted as they may have information related to the environmental conditions of the Site. Records of the interviews and/or correspondence are provided in **Appendix A**. Should information become available at any time in the future that materially affects the conclusions of this report, this information will be forwarded to the Client.

Wood did not conduct any intrusive investigations in completing the scope of work. No sampling and/or analyses of soil, sediment, water, liquid, gas or air was performed at the Site. This Phase I ESA report is not to be construed as a regulatory compliance audit or review. Although Section 6.0 of this report discusses designated substances and hazardous materials normally reviewed as part of a Phase I ESA including asbestos containing materials (ACMs), lead, mercury, ozone-depleting substances (ODS), polychlorinated biphenyls (PCBs) and mould, the review was performed at a cursory level



and for the Site as a whole. No sampling or analytical testing for designated substances and/or hazardous materials was performed. This report should thus not be construed as a designated substance or hazardous materials survey or assessment.



## 2.0 SITE DESCRIPTION

### 2.1 Site Location

For the purpose of this Phase I ESA report, the Site is divided into sections as follows:

- Reixinger Road, from 6811 Reixinger Road to Montrose Road (Section A);
- Montrose Road, from Reixinger Road to south of Canadian Drive (Section B);
- Brown Road, from Montrose Road to Heartland Forest Road (Section C); and
- A section of land extending in a straight line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSHL SPS) to south of Canadian Drive (Section D; **Figure 1**).

The Site itself is considered community land use, however each section is in a slightly different land use setting. Section A lies in a typical agricultural/vacant setting in an area of primarily agricultural land use, with some residential and commercial land use. Section B lies in a primarily commercial/industrial setting with some residential land use. Section C lies in a primarily residential setting with some commercial/industrial land use (south of this section of the Site). Finally, Section D lies in a primarily commercial/community setting, including passing through the Queen Elizabeth Way Highway (QEW) and a vacant property.

### 2.2 Site Occupancy

The Site was primarily community land use at the time of the Site visit, occupied by several sections as described above in Section 2.1.

### 2.3 Site Features

The Site is an irregular-shaped property, approximately 5.2 kilometres (km) in length. Selected photographs of the Site and surrounding land use are presented in **Appendix B**. The Site was primarily flat, except for slopes down towards ditches on either side of the roadway. The surface of the Site consisted mainly of asphalt and gravel, with some grass and vegetation in Sections A and D.

## 2.4 Site Services

At the time of the Site reconnaissance, there were residential, commercial, and industrial buildings present on either side of the roadway, with various services (storm/sanitary sewers, water, natural gas, hydro, etc.) running either within the roadway ROW, or on either side of the roadway ROW. Stormwater generally flows overland to ditches on either side of the roadway, except for the northern portion of Section C, where catch basins were also present at the Site.

There were aboveground hydro lines-oriented east to west along the south end of the eastern portion Section A, and along the north end of the eastern portion Section A. Along Section B, the aboveground hydro lines were oriented north to south on the east side of the roadway. Additionally, the aboveground hydro lines were oriented east to west along the south side of the roadway. Finally, aboveground hydro lines-oriented north to south service the property at 7606 Oakwood Drive.

## 2.5 Physical Setting

The Site lies at an elevation approximately 174 to 180 metres above sea level (mASL) (**Google Earth**). The topography across the Site is generally flat, with some areas of varying elevation where the Site crosses other roadways and the QEW.

According to the **Quaternary Geology of Ontario, Southern Sheet, Map 2556**, published by the **Ministry of Northern Development and Mines (MNDM)**, the geology near the Site is interpreted to consist of a few different forms of quaternary geology. The geology near the Site consists of:

- Fine-textured glacio-lacustrine deposits including silt and clay with minor sand and gravel,
- Man-made deposits including fill, sewage lagoon, landfill and urban development, and
- Modern alluvial deposits including clay, silt, sand, and gravel, and may contain organic materials.

**Bedrock Geology of Ontario, Southern Sheet, Map 2544**, published by the **MNDM**, describes bedrock in the area to be:

- Dolostone, sucrosic, fossiliferous, locally biohermal, locally bituminous from the Guelph Formation (for the approximate southern half of the Site), and
- Argillaceous dolostone, with shale and evaporites (gypsum, salt at depth) from the Salina Formation.

The local ground water flow direction, based on topographic features and knowledge gained from other sites in the area, is expected to be varying across the Site, but generally towards the Welland River. Water typically drains off-Site (off of the roadways) into ditches located on either side of the majority of the Site. Locally, however, the shallow ground water flow may be influenced by underground utility trenches, conduits, and structures, variations in soil type, and minor fluctuations in topography.

### 3.0 ADJACENT LAND USES

Wood reviewed the current land uses of neighbouring properties from publicly accessible locations to assess possible environmental impacts to the Site that may arise from off-Site operations. As noted in Section 2.0, Section A lies in a typical agricultural/vacant setting in an area of primarily agricultural land use, with some residential and commercial land use. Section B lies in a primarily commercial/industrial setting with some residential land use. Section C lies in a primarily residential setting with some commercial/industrial land use (south of this section of the Site). Finally, Section D lies in a primarily commercial/community setting, including passing through the QEW and a vacant property..

Properties surrounding the Site are summarized as follows:

#### North of the Site

Section A: Agricultural, residential, commercial, community, and light industrial land uses (e.g., Lyons Creek Metal Finishing at 7001 Reixinger Road).

Section B: Commercial land use (the Niagara Square shopping centre).

Section C: Residential land use.

Section D: Vacant land use, followed by community and commercial land use (Oakwood Drive, followed by a shopping plaza).

#### East of the Site

Section A: Agricultural and residential land uses.

Sections B & C: Primarily community land use (the QEW), followed by commercial and industrial land uses (e.g., automotive dealerships, a campground, auto repair garages, and Modern Mosaic Ltd. [a precast concrete manufacturer]).

Section D: The SSL SPS at 7606 Oakwood Drive, followed by the Queenston-Chippawa Power Canal (the hydro canal).

#### South of the Site

Section A: Primarily agricultural/vacant land use with some residential and commercial land use.

Section B: Community (continuation of Montrose Road to the south) and agricultural/vacant land uses.

Section C: Vacant/forested and commercial/light industrial land uses (sewage pumping station at Heartland Forest Road and Brown Road, followed by the WeGo transit facility).

Section D: Primarily commercial land use (Kia automotive dealership, followed by automotive garages and other commercial businesses).

#### West of the Site

Section A: Agricultural, community (Montrose Road), and commercial (golf course) land uses.

Section B: Commercial (Concentrix, Sam's Montrose Hotel, Northernchem Inc, etc.), industrial (E.S. Fox Ltd.), residential, and vacant/forested land use.

Section C: Community (western portion of Brown Road) and residential land uses.

Section D: Primarily commercial and industrial land use (Roman Cheese Products, the Niagara Square shopping centre, etc.)

#### Summary of Findings

Based on observations of these current surrounding properties (from publicly accessible locations), the commercial/light industrial properties surrounding Sections A, B, C, and D represent potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) on the Site. However, the commercial/industrial properties east of Section B are generally not considered to result in APECs on the Site, due to separation distances, inferred ground water flow direction, and the separation of those properties from the Site due to the QEW.

## 4.0 RECORDS REVIEW

The historical occupancy of the Site and the surrounding properties were reviewed using reasonably available public information consisting of, but not limited to, archived aerial photographs, city directories, FIPs and previous environmental reports. The historical information reviewed was obtained from the following sources:

- Aerial photographs, available at Special Collections, Brock University, in St. Catharines, Ontario, (Brock Special Collections) for the years 1955, 1965, 1978, 1983 and 1994;
- Aerial photographs, available online at <http://navigator.yourniagara.ca>, for the years 1934, 2000, 2006, 2010, and 2018;
- FIPs, available in-house for 1965; and
- Previous environmental reports.

Due to restrictions associated with the COVID-19 pandemic, city directories were not available from the Brock Special Collections library, and limited city directories were available from ERIS.

### 4.1 Aerial Photographs

A review of selected aerial photographs was conducted to determine the general development history of the development of the Site and surrounding properties. In some cases, available aerial photography may be at a scale that precludes a detailed interpretation of the Site and surrounding area. The following significant information was inferred from the aerial photographs reviewed concerning the Site and its surrounding properties:



Date	Site	Surrounding Properties
1934	Sections A and B of the Site appeared to be in community land use (roadway – Reixinger Road). The roadway along the northern portion of Section B does not yet appear to be constructed. Sections C and D appeared to be in agricultural land use.	Properties surrounding the Site were primarily in agricultural land use, with industrial land use (a railway) crossing the southern portion of Section B, just south of the Welland River.
1954	No significant changes noted.	Inferred residential/commercial/light industrial dwellings were present north of Section A along Reixinger Road. East of Section B was the QEW highway, followed by some inferred industrial land uses along Oakwood Drive.
1965 (northern half of the Site) 1968 (southern half of the Site)	No significant changes noted.	Further commercial/industrial/residential development has occurred east of the QEW, east of Section B. An inferred industrial land use is now present west of Section B, adjacent to the railway.
1978	The SSHL SPS is now present at 7606 Oakwood Drive. The northern portion of Section B and Section C are now constructed and in community land use as roadways.	Additional commercial/residential land use development has occurred on surroundings properties along either side of the entire Site. This includes the Niagara Square shopping mall located northwest of Sections B and D.
1983	No significant changes noted.	Inferred continued residential/commercial/industrial land use development has occurred on the east and west sides of Sections A and B.
1994	No significant changes noted.	No significant changes noted.



Date	Site	Surrounding Properties
2000	No significant changes noted.	Inferred continued residential/commercial/industrial land use development has occurred on the east and west sides of Sections A and B.
2010	No significant changes noted.	No significant changes noted.
2018	No significant changes noted.	Residential land use development has occurred north of Section C.

Aerial photographs are presented in **Appendix C**.

## 4.2 City Directories

### Site

Due to the nature of the Site (i.e., a roadway), it is not listed in the city directories.

### Surrounding Properties

The following properties surrounding the Site were reviewed and may present the Site with potential environmental concerns.

<b>7001 Reixinger Road (North side of Reixinger Road)</b>		
1961	2007/2008	Street Not Listed
2007/2008	Present	Lyons Creek Metal Finishing
<b>7089 Reixinger Road (North Side of 7047 Reixinger Road)</b>		
1961	2007/2008	Street Not Listed
2007/2008	2012	Residential
2012	Present	Patterned Concrete Niagara
<b>9127 Montrose Road (West side of Montrose Road)</b>		
1961	1991	Address Not Listed
1991	1996/1997	Ford Motor Company of Canada Ltd.
1996/1997	2007/2008	Address Not Listed
2007/2008	2012	Kraft Canada Unico Facility Services ES Fox Ltd.

		Gnr Property Maintenance Chelwood
2012	Present	CanGro Foods Inc Chelwood EX Fox Ltd. GNR Property Maintenance Sf Partners Inc.
<b>9514 Montrose Road (East side of Montrose Road)</b>		
1961	2007/2008	Street Not Listed
2007/2008	Present	Crown Trucking Services Peter's Delivery Service (2012 to Present only)

#### 4.3 Fire Insurance Plans

The following significant information was inferred from the FIPs reviewed concerning the Site and its surrounding properties.

Year	Observations
1965	The area of the Site and surrounding properties were not included in the FIP.

#### 4.4 Company Records

No company records were provided to Wood during the completion of the Phase I ESA.

#### 4.5 Previous Environmental Site Assessments

A Technical Memorandum completed in February of 2020 by Golder Associates (the February 2020 Golder Report) was provided to Wood by the Client. The purpose of the February 2020 Golder Report was to review and summarize the ERIS reports for some properties along the Site alignment. A summary of the notable findings for the properties surrounding the Site are as below (paraphrased):

- 7606 Oakwood Drive:
  - Spills were reported at this property in 2009, 2014, and 2019. Equipment failure resulted in an unknown amount of chlorinated sewage being



- discharged to the natural environment. Environmental impact was confirmed;
- This property had registered commercial fuel storage tanks;
  - This property was listed intermittently as a hazardous waste generator from 2002 to 2016 for light fuels and PCBs; and
  - This property had a Certificate of Approval (CofA) for industrial air and municipal and private sewage in 2000.
- 7868 Oakwood Drive:
    - This property had a CofA for industrial air in 1993;
    - Businesses at this property was listed as a hazardous waste generator of petroleum distillates from 1992 to 1998, and was also listed as a hazardous waste generator of waste oil skimmings and sludges from 2005 to 2011; and
    - One business (234612 Ontario Inc.) at this property was listed a pesticide operator.
  - 7888 Oakwood Drive:
    - This property was listed as a hazardous waste generator of: aliphatic solvents and residues, waste crankcase oils and lubricants, light fuels, waste oil and sludges (petroleum based), as of December 2018; and,
    - One water well was identified at this property.
  - 8066 Oakwood Drive was listed intermittently as a hazardous waste generator from 1999 to 2019 for the following wastes: waste oils and lubricants, waste crankcase oils and lubricants.
  - 8108 Heartland Forest Road had a CofA for industrial air, municipal and private sewage works in 2007.
  - 8208 Heartland Forest Road:

- This property was approved under the environmental registry for industrial air in 2016;
- A spill was reported in 2016. A discharged of 200 litres (L) of diesel fuel due to equipment failure; and
- This property was listed intermittently as a hazardous waste generator from 2015 to 2019 for petroleum distillates, aliphatic solvents, waste oils and lubricants, oil skimming and sludges.
- 8230 Oakwood Drive:
  - This property had a CofA for industrial air in 2000;
  - Businesses at this property were listed intermittently as hazardous waste generators from 1992 to 2001, and 2003 to 2014 for waste oils and lubricants and petroleum distillates; and
  - Records of two expired gas and diesel fuel storage tanks was registered at this property.
- 8676 Oakwood Drive was listed in 1995 as a retail fuel outlet (RFO) of propane gas.
- 8620 Oakwood Drive had a CofA for industrial air and sewage in 2001 and 2004.
- 7695 Blackburn Parkway was listed intermittently as a hazardous waste generator since 2006 for aliphatic solvents, petroleum distillates and acid waste-other metals.
- 8550 Oakwood Drive was listed intermittently as a hazardous waste generator since 2000 for waste oils and lubricants and was listed as a limited vendor of pesticides.
- 8485 Montrose Road was listed intermittently as a hazardous waste generator from 2005 to 2015 for waste oils and lubricants and paint/pigment/coating residues.
- 8675 Montrose Road reported a spill to land by the Client of approximately 500 L of grey water as a result of equipment failure.
- 6533 Reixinger Road has a CofA for air in 2004.

- 7171 Reixinger Road was listed as a hazardous waste generator from 2013 to 2018 for paint/pigment/coating residues.
- 7226 Reixinger Road was listed intermittently as a hazardous waste generator from 2015 to 2018 and as of October 2019 for wastes oils and lubricants, waste crankcase oils and lubricants.

## 4.6 Summary of Historical Records Review

### Site History

From prior to 1934 until present, the Site was occupied by commercial land use (i.e., roadways), except for the northern portion of Section B, and Sections C and D. These sections were not yet constructed as roadways until approximately 1978 and were historically in agricultural land use. 7606 Oakwood Drive has been in industrial land use since approximately 1978 when the SSSL SPS was constructed.

### Surrounding Land Use History

Based on a review of the available information sources, the majority of properties surrounding the Site were agricultural/vacant until prior to 1954, when development of industrial/commercial/ residential properties began in the area of the Site. A railway (industrial land use) has been present since prior to 1934 and crosses Section B of the Site just south of the Welland River.

### Summary

Based on the historical review completed the following actual and potential environmental issues were identified concerning the Site and surrounding historical land use activities:

- 7606 Oakwood Drive (portion of Section D) was listed in the February 2020 Golder Report as having registered fuel storage tanks on-Site and has been a registered hazardous waste generator for liquid fuels and PCBs;
- The industrial land use (railway) that crosses Section B of the Site; and
- Commercial/industrial properties located on the west side of Montrose Road (Section B), most notably 8485 Montrose Road.

The presence of commercial/light industrial businesses and a historic wrecking yard north of Section A (on the north side of Reixinger Road) for metal and concrete finishing would

also present a potential environmental issue at the Site. However, during the previous Phase II ESA completed by Wood for the Client for the properties at 6811 and 7047 Reixinger Road (the Wood WWTP Phase II ESA), no significant environmental issues were identified in this area.

Additionally, the remaining surrounding properties were not inferred to result in APECs on the Site according to the records review, due to separation distances, inferred downgradient/transgradient directions, and the nature of the operations.

## 5.0 REGULATORY AGENCY FILES AND DATABASE REVIEW

The following databases and documents were reviewed to further assess the environmental condition of the Site:

### 5.1 Local Municipal Agency

Wood contacted the City to inquire if they had any records of environmental non-compliance concerning the Site. In addition, Wood also contacted the RMON (i.e., the Client) to ensure that any records of environmental significance regarding the Site had been provided to Wood. This was included as part of the interview portion of the Phase I ESA.

At the time of preparation of this report, a response had not yet been received from the City. If the records obtained alter the conclusions of this report, the Client will be notified immediately.

Copies of the City and RMON correspondence are provided in **Appendix A**.

### 5.2 Technical Standards and Safety Authority

Fuel storage at industrial facilities in Ontario is regulated by the *Technical Standards and Safety Act 2000 (TSS Act)*. The *TSS Act* has consolidated the seven acts that the TSSA previously administered, including the *Gasoline Handling Act* and the *Energy Act*. Under the *TSS Act*, the *Liquid Fuel Handling Regulation*, *Liquid Fuel Handling Code* and the *Environmental Management Protocol* (also known as GA1/99) have replaced the *Gasoline Handling Act*, *The Gasoline Handling Code* and *GH13* (1993 Environmental Cleanup Guideline). The *TSS Act* applies to all storage tank systems utilized for the storage and handling of gasoline, diesel and fuel oil. According to discussions with a representative of the TSSA - Fuels Safety Division, underground storage tanks (USTs) and aboveground storage tanks (ASTs) installed under the *Liquid Fuel Handling Regulation*, *Liquid Fuel Handling Code* require registration with the TSSA. Fuel oil tanks utilized in residential buildings will also require registration with the TSSA.

The TSSA was contacted by email and requested to supply any available information concerning the presence of petroleum storage tanks, fuel spill records, accidents, or fuel-related incidents, which may be registered on the subject, or surrounding properties. Wood was contacted by Ms. Sherees Thompson of the TSSA on December 8, 2020 via email and indicated that one record of a “Fuel Oil Tank” was found at 7606 Oakwood



Drive. 7606 Oakwood Drive is known as the SSHL SPS, which is included as part of the Site (Section D).

A copy of the TSSA response is provided in **Appendix A**.

### 5.3 Ministry of the Environment, Conservation and Parks

Wood completed a Freedom of Information (FOI) search request with the Ministry of the Environment, Conservation and Parks (MECP), to inquire if records of environmental regulatory non-compliance, if any, concerning the Site were available.

At the time of preparation of this report, a response had not yet been received from the MECP. Should the MECP notify Wood that subsequent information is on file and obtainable, Wood will notify the Client of this information and the additional cost (if any) to obtain these records. If the records obtained alter the conclusions of this report, the Client will be notified immediately. A copy of the MECP response is provided in **Appendix A**. Wood followed up with the MECP on January 12, 2022. The MECP indicated that there are delays in the completion of FOI requests due to issues associated with the COVID-19 pandemic.

In addition, Wood accessed the MECP's *Access Environment* website on January 25, 2021, to search for information on Environmental Compliance Approvals (ECAs) (formerly known as CofAs, Renewable Energy Approvals (REAs) and registrations on the Environmental Activity and Sector Registry (EASR), which may be listed to the Site. Several records of ECAs for air and sewage works were identified within 250 m of the Site and are not inferred to present an environmental concern to the Site. Additionally, 1 EASR was found for the property at 7868 Oakwood Drive for an automotive refinishing facility (approval # R-001-3110412945), although due to separation distance and inferred transgradient direction, this is not expecting to result in an APEC on the Site.

#### 5.3.1 Waste Disposal Site Inventory

Wood reviewed the document entitled "*Waste Disposal Site Inventory*", prepared by the Waste Management Branch of the MOE (dated June 1991). No active or closed waste disposal sites were listed as being present within 1 km of the Site.

### 5.3.2 Inventory of Coal Gasification Plant Waste Sites in Ontario

Wood reviewed the document entitled “*Inventory of Coal Gasification Plant Waste Sites in Ontario*”, prepared for the MOE (dated April 1987). No coal tar sites were listed on the Site or in the surrounding area.

### 5.3.3 Registered PCB Waste Storage Sites as of October 2004

Wood reviewed the MOE computer database on Registered PCB Waste Storage Sites as of October 2004 (database last updated in October 2004). The Site and immediately surrounding properties were not listed as a PCB waste storage site prior to October 2004.

### 5.3.4 Registered Waste Generators for the year 2015

Wood reviewed the MECP computer database on Registered Waste Generators for the year 2015 (the most current). The Site was not listed as a registered waste generator. In addition, Wood accessed the MECP’s *Hazardous Waste Information Network* (HWIN) website on January 25, 2021, to search for information on HWIN registered waste generators, which may be listed to the Site and surrounding properties. Information gained from this search is listed below. Several surrounding properties were listed as waste generators, most notably:

- 9127 Montrose Road (E.S. FOX) – adjacent west of Section B, south of the Welland River, was listed as a waste generator (ON0214904). This address was listed as a waste generator for several types of wastes, including but not limited to: acid waste – heavy metals, alkaline wastes, paint/pigment/coating residues, inorganic laboratory chemicals, light fuels, latex wastes, and waste oils and lubricants;
- 9514 Montrose Road (Crown Trucking Services, Crown Transportation Group Limited) - adjacent east of Section B, south of the Welland River, was listed as a waste generator (ON1835800, ON4337057). No waste registration details were available from HWIN;
- 8485 Montrose Road (Alo North American, Inc.) - adjacent west of Section B, south of the Welland River, was listed as a waste generator (ON5410231). Details of the waste registration are described in Sections 4.5 and 5.4;

- 7226 Reixinger Road (Nexterra Substructures Incorporated) - adjacent south of Section A, east of the QEW (ON8726314). Details of the waste registration are described in Sections 4.5 and 5.4; and
- 7171 Reixinger Road (Sealer Works Inc.) – adjacent north of Section A, east of the QEW (ON5737072). Details of the waste registration are described in Sections 4.5 and 5.4.

NOTE: Not all companies are listed in the MECP's 2015 Database.

### 5.3.5 Registered Waste Receivers for the year 2015

Wood reviewed the MECP computer database on Registered Waste Receivers for the year 2015 (the most current). The Site and surrounding properties were not listed as industrial waste receivers.

NOTE: Not all companies are listed in the MECP's 2015 Database.

### 5.3.6 Brownfields Environmental Site Registry

The MECP Brownfields Environmental Site Registry was accessed on February 5, 2021 to determine if any RSCs have been filed under Part XV.1 under the *Environmental Protection Act* (EPA) for the Site or any of the surrounding properties. A search of the registry indicated that there are no RSCs filed for the Site or any properties in the immediate vicinity of the Site.

## 5.4 EcoLog ERIS Report

An EcoLog ERIS report for the Site and surrounding study area was requested. ERIS is a national service that provides site specific environmental and property-use information. An ERIS report contains detailed government and private sector records concerning possible environmental liabilities associated with a property and the surrounding neighbourhoods.

For the Site, the ERIS project number is 20311800192. The ERIS report may be referenced in **Appendix D**. The following significant findings (in Wood's opinion) of the ERIS search are summarized as follows, with reference to each section of the Site:

### Reixinger Road

- The presence of several commercial/light industrial operations along the eastern portion of Reixinger Road (east of the QEW), including the historic presence of two auto wrecking yards, represents PCAs for this portion of the Site. However, as described in Section 4.6, these PCAs are not inferred to represent an actual source of contamination at the Site based on the work completed during the Wood WWTP Phase II ESA.

### Montrose Road

- Several properties along Montrose Road have been or currently are in industrial and/or commercial land use. The following important information (in Wood's opinion) in regard to the environmental condition of the Site has been found to date:
  - 9515 Montrose Road
    - Previously operated by commercial printing business, such as Day-Timers of Canada Ltd. and Sandt Printing Company Ltd. Listed as waste generators for various wastes including waste oils and lubricants, paint/coating/pigment residues, aliphatic solvents, etc. This land use results in a PCA, however, due to the nature of the operations, it does not result in an APEC on the Site.
  - 9514 Montrose Road
    - A spill of approximately 136 L of diesel fuel occurred at this address on January 27, 1995, due to damage from moving equipment. The fuel was spilled onto a concrete pad and was noted as being "cleaned"; however environmental soil contamination was listed as "possible". The industrial/commercial operations at this facility, and the assumed former presence of a fuel storage tank (including the spill) represent PCAs. These PCAs are inferred to have resulted in an APEC on the Site.
  - 9127 Montrose Road
    - This property is currently operated as inferred industrial land use, by ES Fox (formerly the Ford Motor Company of Canada). Multiple records were found in the ERIS report in regards to this property, most notably: two spills of oily

wash water and oil to the Welland River, two listings in the National PCB Inventory for 1990 and 1996 of holding PCB waste for disposal, a listing in the Inventory of PCB Storage Sites for holding several drums of material containing high levels of PCBs, waste generator listings for petroleum/oil/fuel-related wastes, and two ASTs listed as of 2007 containing 25,000 L of gasoline and 15,000 L of diesel fuel. The long history of industrial activities at this property and the listed activities represent PCAs and result in an APEC on the Site.

- 8485 Montrose Road
  - This property is currently occupied by Northernchem Inc., a chemical and pharmaceutical research and development company. It was formerly occupied by Alo North America Inc., which was a distributor of industrial machinery, equipment and supplies. They were also a waste generator of waste oils and lubricants (various years between 2005 to 2015) as well as paint/pigment/coating residues (in 2015). The nature of these light industrial operations represents a PCA, which results in an APEC on the Site.
- 7770 Canadian Drive
  - This property was occupied by Roman Cheese, a manufacturer and distributor of various dairy products. A spill of liquid nitrogen occurred in 1991, however environmental impact was not anticipated. However, during the Site reconnaissance, an AST was identified along the north building edge. Due to the inferred upgradient ground water flow direction of this property, the activities at this property represent a PCA that results in an APEC on the Site.
- A spill of a diesel fuel and water mixture occurred on the QEW between McLeod Road and Lyons Creek Parkway on May 1, 2006. While this spill represents a PCA and results in APEC on the Site, it is not possible to determine exactly where along this stretch of the QEW this spill occurred. Therefore, a precise APEC area cannot be drawn.
- Other light industrial/commercial activities along Montrose Road that represent PCAs but are not inferred to have resulted in APECs, but are not limited to: SWS Start Warning Systems Inc. (7695 Blackburn Parkway), and the operations along Oakwood Drive from approximately 7888 Oakwood Drive to 8676 Oakwood Drive.

These properties are not believed to have resulted in APECs on the Site, due to separation distances, the nature of several of the operations, and their inferred downgradient direction compared to the Site.

#### Brown Road

- The operations at 8208 (City of Niagara Falls Transit building) are not inferred to result in an APEC on the Site, due to separation distance and the inferred downgradient direction from the Site.

#### 7606 Oakwood Drive

- The South Side High Lift Pump Station located at 7606 Oakwood Drive contains a gasoline AST and a transformer. As this property is considered part of the Site, these activities represent a PCA which results in an APEC in this portion of the Site.
- The Kia Dealership and auto garage located at 7838, 7818, and 7848 Oakwood Drive also represent PCAs, however they do not result in APECs on the Site, due to their separation distance from the Site and their inferred transgradient direction from the Site.

### **5.5 Summary of Regulatory Database Review**

Based on these findings, there are additional PCAs that results in APECs on the Site associated with both on-Site and off-Site issues. Most notably are the following:

- The presence of a diesel fuel AST and transformer located at 7606 Oakwood Drive (Section D); and
- The presence of several commercial/industrial properties, including evidence of waste generation, spills, and long-term industrial operations.

Other commercial/industrial land uses located along Montrose Road (Section B), Reixinger Road (Section A), and Oakwood Drive (Sections B and D) are not inferred to result in APECs on the Site due to a combination of separation distances, inferred downgradient/transgradient directions, and the nature of the operations.

## 6.0 SITE VISIT AND INTERVIEWS

The findings documented in this section are based on a combination of observations made by Wood personnel at the time of the Site visit, as well as information provided by the Site representatives and other individuals contacted as part of the interview process.

### 6.1 General Site Conditions and Housekeeping

In general, the Site appeared to be well maintained. Wood did not observe amounts of debris, staining, outdoor chemical storage or uncontrolled waste storage on-Site at the time of the reconnaissance except some litter than had likely been disposed of by individuals using the roadways.

### 6.2 Air Emissions

Wood did not observe the presence of air emission sources at the time of the reconnaissance that could possibly affect the environmental condition of the Site.

### 6.3 Chemical Storage and Handling

One fuel tank was noted to be on-Site at 7606 Oakwood Drive. According to the Client, the tank contains diesel to fuel the back-up generator. A diesel tank was also noted at the pump station at 8108 Heartland Forest for the same purpose. Finally, another fuel tank was noted to be adjacent to the north side of the building at 7770 Canadian Drive. Wood is not aware of any chemical spills having occurred at the Site and no evidence of chemical spills, accidental releases or significant staining was observed that would indicate the occurrence of major environmental events (such as spills) that may have significantly affected the quality of the subsurface. As stated in Section 5.4, several spills of various fluids had occurred at properties surrounding the Site.

### 6.4 Designated Substances

Individual designated substance regulations have been developed for eleven chemical contaminants and are enforced by the Ministry of Labour (MOL) under the Occupational Health and Safety Act (OHSA). Special regulations were made to prohibit, regulate, restrict, limit, or control worker exposure to designated substances due to their toxic nature. The designated substances identified in OHSA include:

Asbestos  
Arsenic

Vinyl Chloride  
Benzene

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Lead	Coke Oven Emissions
Ethylene Oxide	Acrylonitrile
Mercury	Isocyanates
Silica	

Given the nature of the Site, Wood has focussed on the following designated substances.

#### 6.4.1 Asbestos

Asbestos is a generic term that refers to a group of naturally occurring fibrous mineral silicates. The ability of asbestos to withstand high temperatures as well as its tensile strength, spinnability, resistance to chemicals and other properties have resulted in hundreds of applications. Friable asbestos refers to materials, which can be readily crumbled using hand pressure, separating asbestos fibres from the binding materials with which they are associated. Non-friable material refers to asbestos, which is associated with a binding agent (such as tar or cement), that prevents the ready release of airborne fibres. Friable asbestos is commonly found in boiler and pipe insulation. Non-friable or bound asbestos is typically found in roofing tars, floor and drywall compound, plaster and precast asbestos cement products commonly referred to as “transite”.

As there were no structures on the Site within the scope of this assessment, ACMs are not a concern at the Site.

#### 6.4.2 Lead

Lead is a heavy metal, which is typically found in the following three forms:

- Metallic lead used to make water distribution pipes, electrical batteries, lead solder, and electric cable sheathes;
- Inorganic compounds often occurring as components of products, such as insecticides, pigments, paints, and glass; and
- Organic lead compounds, the most commonly known of which are tetramethyl lead and tetraethyl lead, used as antiknock additives to gasoline.



The presence of lead containing paints (LCPs) in buildings represents the most significant hazard of all the above noted lead containing products where persons, notably small children, may ingest peeling or flaking LCPs. The generation of airborne lead containing dust created during renovation, demolition, or construction activities (i.e., during sanding and grinding), or like actions on deteriorated painted surfaces also comprises a potential health concern.

In 1976, the federal government passed the Hazardous Products (Liquid Coating Materials) Regulations under the Hazardous Products Act limiting the amount of lead for interior paints to 0.5%. Exterior and commercial paints could still contain lead. In 1991, members of the Canadian Paint and Coatings Association agreed to voluntarily eliminate all added lead from their products. In November 2010, under the Canadian Hazardous Products Act, the Federal Government issued revisions to the Surface Coating Materials Regulations SOR/2005-109, which limits the amount of lead permissible in paints and other surface coating materials to 0.009% lead by dry weight (i.e., 90 micrograms per gram [ $\mu\text{g/g}$ ]).

There were no structures on the Site within the scope of this assessment, and therefore LCPs are not considered an environmental concern at the Site.

### **6.4.3 Mercury**

Minor amounts of mercury are commonly found in a variety of building materials including mercury vapour lamps and thermostats and other electrical control switches. There were no structures on the Site within the scope of this assessment and therefore, mercury is not expected to be an environmental concern at the Site.

## **6.5 Mechanical Equipment**

Mechanical equipment including piston type elevators, vehicle hoists, loading dock lifts, and compactors comprise typical hydraulically operated devices. Such equipment contains hydraulic oils, which are operated under high pressures and can be released into the environment because of leaks or equipment failure.

No mechanical equipment was noted on the Site. Auto dealerships and service garages were noted south of the Site along Oakwood Drive, therefore mechanical equipment may be present at those properties.

## 6.6 Methane

Methane is a colourless and odourless gas commonly formed by the decomposition of organic material. Methane is a large component of natural gas associated with active and closed waste disposal sites. Natural sources of methane include marshes, swamps, bogs, fens or coal and/or peat deposits. Potential risks associated with methane include explosion hazards where methane enters closed spaces and concentrations exceed the lower explosive limit.

Based on observations made at the time of the reconnaissance, as well as the historical review completed, significant amounts of fill materials are not inferred to have historically been placed on the Site. Therefore, methane is not considered to be present at the Site. In addition, the Site is not located within 1 km of a landfill.

Consequently, methane gas is not inferred to be a significant environmental issue at the Site.

## 6.7 Mould

Moulds (also known as “fungi”) are present everywhere in the natural environment, indoors and outdoors. Exposure to mould may occur indoors on water damaged building materials during occupancy, building maintenance and/or repair operations. The most common types of moulds are generally not hazardous. However, some moulds may be problematic to some people.

There were no structures on the Site within the scope of this assessment and therefore, mould is not considered a concern.

## 6.8 Odour

During the reconnaissance, Wood did not identify any strong, pungent or noxious odours attributable to the Site.

## 6.9 Ozone-Depleting Substances

ODSs include any substances containing chlorofluorocarbon (CFC), hydrochlorofluorocarbon (HCFC), halon or any other material capable of destroying ozone in the atmosphere. ODSs have been used in rigid polyurethane foam and insulation, laminates, aerosols, air conditioners, fire extinguishers, cleaning solvents and the sterilization of medical equipment. Federal regulations introduced in 1995 required the elimination of production and import of CFCs by January 1, 1996 (subject to certain

essential uses) and a freeze on the production and import of HCFC-22 by January 1, 1996. These regulations also require the complete elimination of HCFC-22 by the year 2020.

No ODSs were observed during the reconnaissance.

## 6.10 Pesticides and Herbicides

Wood did not observe any pesticides or herbicides stored at the Site during the reconnaissance, and as the Site is primarily a roadway, it is unlikely that pesticides or herbicides have historically been used at the Site. While a small portion of the Site does include 7047 Reixinger Road, the concerns associated with the historic use of pesticides/herbicides in that agricultural field are included under separate cover.

## 6.11 Polychlorinated Biphenyls

PCBs were most commonly used in capacitors, transformers, circuit breakers, switchgears and lamp ballasts as synthetic insulating materials. The use of PCBs in electrical equipment was prohibited on July 1, 1980. However, PCBs may be present in older hydraulic equipment still in use after the July 1, 1980 cut-off date.

### 6.11.1 Electrical Transformers

As noted in Section 2.0, there is no electrical service connected to the Site, however, there are aboveground hydro lines-oriented north to south along the west side of the Site.

According to the Client, one transformer is located at 7606 Oakwood Drive, related to operations of the pump station.

### 6.11.2 Light Ballasts

No buildings were present on-site and therefore no lights ballasts were present on-Site.

### 6.11.3 PCB Storage Sites

As discussed in Section 5.4.3, the reviewed MOE “*Ontario Inventory of PCB Storage Sites*” did not list the Site or surrounding properties as registered PCB waste storage sites.

## 6.12 Radioactive Materials

The Canadian Nuclear Safety Commission (CNSC), formerly the Atomic Energy Control Board, under the Nuclear Safety and Control Act, is responsible for the management and licensing of radioactive materials, to ensure that the use of nuclear energy does not pose undue risk to health, safety, security and the environment. The CNSC achieves regulatory control of nuclear facilities and nuclear materials through a comprehensive licensing system, which is administered through the cooperation of federal and provincial government departments such as health, environment, transport and labour.

Radioactive materials or equipment (labelled as such) was not observed at the Site. No testing for the presence of radioactive material was undertaken.

## 6.13 Radon

Radon is a naturally occurring gas produced by the decay of Uranium-238 that tends to concentrate in formations of granite, sandstone, coal, phosphate and uranium deposits. Radon is colourless, odourless and tasteless and tends to percolate up through soil where it may enter and accumulate in basements of buildings through foundation cracks and joints. Because the existence of radon is dependent upon geological factors, it is more of a regional concern than site-specific.

The concentration of radon daughters is measured in units of working level (WL), which is a measure of the potential alpha particles energy per litre of air. The annual exposure limit for the public is 0.01 WL with the annual occupational exposure limit being 4.0 WL. In homes and other non-occupational settings, the maximum permissible annual average concentration of radon daughters caused by the operation of a nuclear facility is 0.02 WL. Health Canada recommends 0.1 WL as an upper limit.

The location of the Site was evaluated against the locations of a soil radon gas study published by the Ontario Geological Survey (OGS) entitled “*Soil Radon Gas Study of Southern Ontario*” (OGS, Open File Report 5847, 1993). The City and the location of the Site are not within the four main study areas investigated by the OGS. Wood is not aware of other records of the presence or emission of radon gas in the immediate area of the City.

Based on the information obtained from the previously referenced sources, Wood does not suspect radon gas to be a significant environmental issue at the Site.

## 6.14 Site In-Filling

Based on observations made at the time of the reconnaissance, the presence of significant amounts of fill material is inferred to be present at the Site. This fill material is inferred to be primarily asphalt and granular fill to support the roadway. However, there may be some soil fill material that was used to elevate the roadway prior to application of the granular base. The topography across the Site was generally flat with sloping to either side of the roadway.

## 6.15 Spills, Surface Staining and Stressed Vegetation

Wood conducted a walk-around of the Site to identify any areas of significant surface staining, stressed vegetation or any other potential indicators of surface spills or leaks. Wood did not observe evidence of chemical spills or accidental releases at the time of the Site visit.

## 6.16 Storage Tanks

### 6.16.1 Aboveground Storage Tanks

During the reconnaissance, Wood noted the presence of three ASTs, as noted in Section 6.3. One fuel AST was located at each of the following properties: 7606 Oakwood Drive (diesel; part of the Site), 8108 Heartland Forest Road, and 7770 Canadian Drive.

### 6.16.2 Underground Storage Tanks

The Client advised Wood that there are currently no USTs at the Site, nor were they aware of any present historically at the Site. Wood did not observe fill or vent pipes during the Site reconnaissance that would suggest the presence of USTs on Site.

## 6.17 Urea Formaldehyde Foam Insulation

Urea formaldehyde foam insulation (UFFI) is a thermal insulation material that is pumped into interstitial spaces between the walls of buildings where it hardens to form a solid layer of insulation. The sale and installation of UFFI was banned for health-related reasons because of the formation of formaldehyde gas, which is released from the UFFI to the building interior.

There were no structures on the Site within the scope of this assessment and therefore, UFFI is not considered to be present.

## 6.18 Waste Management

### 6.18.1 Liquid Waste

As mentioned in section 4.5, 7606 Oakwood Drive was listed intermittently as a hazardous waste generator from 2002 to 2016 for light fuels and PCBs. This property also had a CofA for industrial air and municipal and private sewage in 2000.

### 6.18.2 Solid Waste

As mentioned in sections 4.5, 5.3, and 5.4, the Site is not listed in the 2015 MECP computer database nor in the EcoLog ERIS report as a generator of solid hazardous waste.

## 6.19 Wells

Ontario Regulation 903 (*O. Reg. 903*) (amended to *O. Reg. 128/03*) sets the standards for the construction, maintenance and abandonment of water wells and licensing of water well contractors and technicians in the province of Ontario. Under the regulation, any well that is not being used or maintained for future use, as a well must be abandoned in accordance with the procedures set forth in the regulation. This regulation also applies to monitoring and test wells such as those routinely installed for environmental and/or geotechnical testing purposes. Artesian or flowing wells must also be abandoned unless a device can be installed to prevent the well from flowing. *O. Reg. 903* also applies to dry wells or to wells that permit the movement of natural gas or other contaminants between subsurface formations or between formations and the ground surface. *O. Reg. 903* does not apply to oil and gas wells.

### 6.19.1 Water Wells

The safety of drinking water in the province of Ontario is legislated under the Drinking Water Systems Regulation (known as *O. Reg. 170/03*; amended to *O. Reg. 165/04*) made under the *Safe Drinking Water Act*. The regulation defines requirements for the following types of systems that supply potable water in the province: “large municipal non-residential systems”, “large municipal residential systems”, “large non-municipal non-residential systems”, “non-municipal seasonal residential systems”, “non-municipal year-round residential systems” and “public facilities”.

A review of the MECP Well Records and Ecolog ERIS report indicated that there were several records of both domestic drinking water wells and monitoring wells within the vicinity of each Section of the Site. Additionally, as indicated in the Wood WWTP Phase II ESA, the Owner of 6811 Reixinger Road indicated that there is a well at the property, which is no longer in use but had previously been used in support of the cattle farming that had taken place.

### **6.19.2 Other Wells**

No test wells, disposal wells, oil wells or gas wells were observed at the Site by Wood during the reconnaissance. Wood is not aware of any historic wells having ever been present at the Site in the past. A search of the Ontario Oil, Gas & Salt Resource Library identified several abandoned gas show wells primarily located south of Section A. Additionally, an unknown dry well was historically located north of Section B. These wells were drilled between the years of 1908 and 1960.

### **6.20 Other Observations**

Based on the reconnaissance there were no other observations of any environmental significance regarding the Site.

## 7.0 CONCLUSIONS & RECOMMENDATIONS

The Site is an irregular-shaped property, approximately 5.2 km in length. The Site was primarily flat, except for slopes down towards ditches on either side of the roadway. The surface of the Site consisted mainly of asphalt and gravel, with some grass and vegetation in Sections A and D. The surface of the Site was primarily asphalted roadway.

Based on a review of the available information sources, the majority of properties surrounding the Site were agricultural/vacant until prior to 1954, when development of industrial/commercial/ residential properties began in the area of the Site. A railway (industrial land use) has been present since prior to 1934 and crosses Section B of the Site (Montrose Road) just south of the Welland River.

Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represents PCAs which result in APECs on the Site:

- 7606 Oakwood Drive was found to have a diesel fuel AST and transformer on-Site, and was also listed in the February 2020 Golder Report as having registered fuel storage tanks and has been a registered hazardous waste generator for liquid fuels and PCBs;
- The presence of a diesel fuel AST at 8108 Heartland Forest Road;
- The presence of a liquid fuel AST at 7770 Canadian Drive;
- The industrial land use (railway) that crosses Section B (Montrose Road) of the Site; and
- Commercial/industrial properties located along Montrose Road (Section B), most notably 9514 (including a spill of diesel fuel), 9127, and 8485 Montrose Road.



The following table represents PCAs both on and off-Site which result in APECs on the Site:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	On-Site	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and BTEX	Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	Off-Site	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	On-Site	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	Off-Site	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water

\*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O. Reg. 153/04* as amended, where applicable.

PHCs – Petroleum Hydrocarbons

BTEX – Benzene, Toluene, Ethylbenzene, Xylenes

PCBs – Polychlorinated Biphenyls

PAHs – Polycyclic Aromatic Hydrocarbons

VOCs – Volatile Organic Compounds

EC – Electrical Conductivity

SAR – Sodium Adsorption Ratio

As – Arsenic

Sb – Antimony

Se - Selenium

Based on the Phase I ESA completed by Wood, there is evidence of actual and potential contamination associated with the Site from on-Site and off-Site land uses. An intrusive investigation (i.e., Phase II ESA) is recommended to address the APECs.



## 8.0 ASSESSOR QUALIFICATIONS

The report was prepared and reviewed by the undersigned, employees of Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited. Wood is one of North America's leading engineering firms, with more than 50 years of experience in the earth and environmental consulting industry. The qualifications of the assessors involved in the preparation of this report are provided in **Appendix E**.

## 9.0 CLOSURE

This report was prepared for the exclusive use of RMON and is intended to provide a Phase I ESA of the Site described as Reixinger Road between 6811 Reixinger Road and Montrose Road, Montrose Road from Reixinger Road to Canadian Drive, Brown Road from Heartland Forest Road to Montrose Road, and the section of land that extends west from 7606 Oakwood Drive to Montrose Road, located in Niagara Falls, Ontario, at the time of the Site visit. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from Wood will be required. With respect to third parties, Wood has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The report is based on data and information collected during the Phase I ESA of the property conducted by Wood. It is based solely on the conditions of the Site encountered at the time of the Site visit on November 3, 2020 supplemented by a review of historical information and data obtained by Wood as described in this report, and discussion with a representative of the owner/occupant, as reported herein. Except as otherwise maybe specified, Wood disclaims any obligation to update this report for events taking place, or with respect to information that becomes available to Wood after the time during which Wood conducted the Phase I ESA.

In evaluating the property, Wood has relied in good faith on information provided by other individuals noted in this report. Wood has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Wood accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted.

Wood makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This Report is also subject to the further Standard Limitations contained in **Appendix F**.

We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Respectfully Submitted,

**Wood Environment & Infrastructure Solutions,  
a Division of Wood Canada Limited.**

Prepared by:



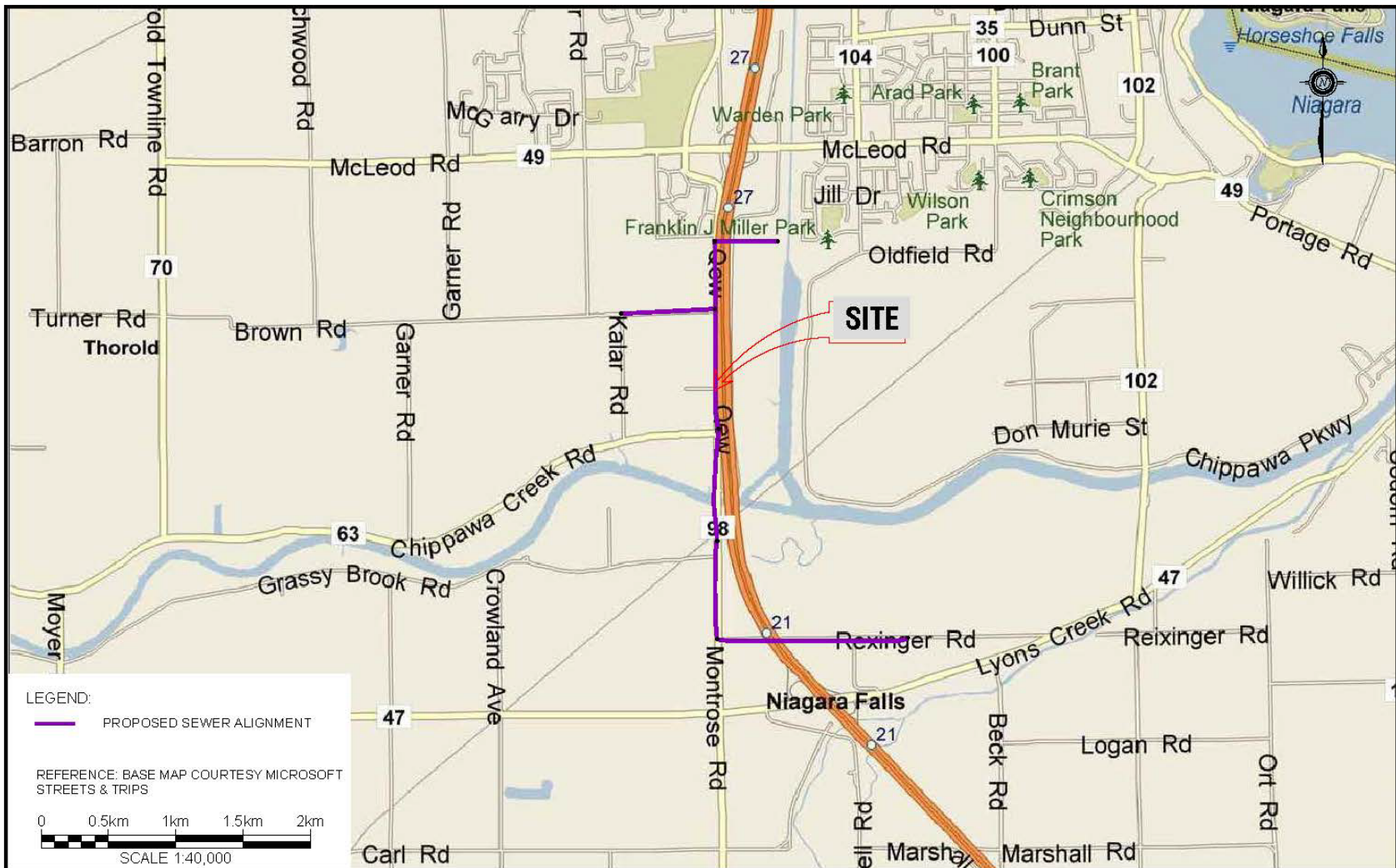
Braedan Huras, B.Sc., EPT  
Environmental Technician

Reviewed by:



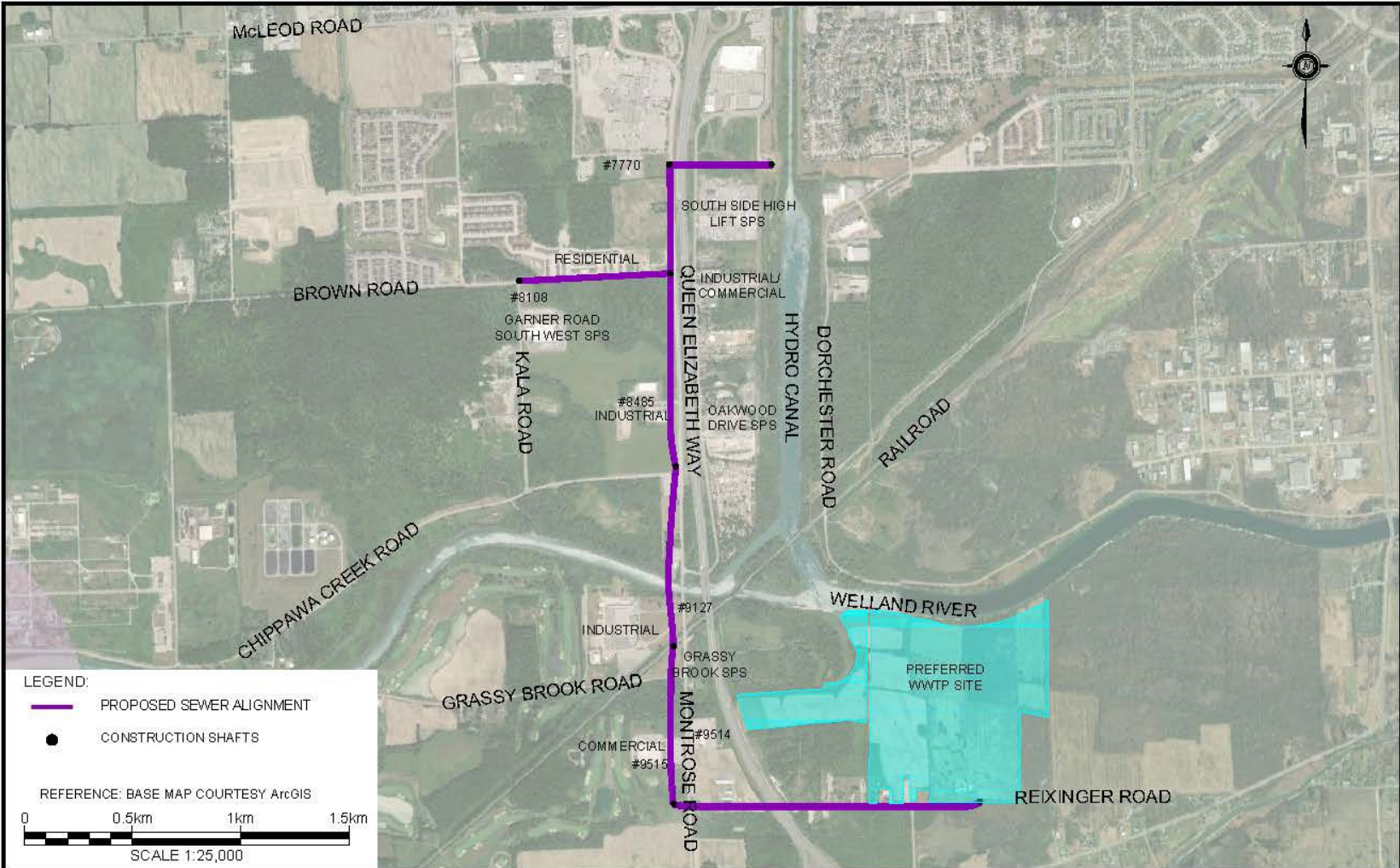
Patrick Shriner, P.Geo.  
Associate Environmental Geoscientist

# FIGURES



CLIENT		REGIONAL MUNICIPALITY OF NIAGARA		DWN BY:	ZF	PROJECT	PHASE I ESA PROPOSED SEWER ALIGNMENT AND CONSTRUCTION SHAFTS	REV. NO.:	A
Wood Environment & Infrastructure Solutions 110 James Street, Suite 301 St. Catharines, Ontario L2R 7E8				CHK'D BY:	BH	TITLE	SITE LOCATION PLAN	DATE:	FEBRUARY 2021
				DATUM:	NAD 83			PROJECT NO.:	OESAM2008.1000
				PROJECTION:	UTM ZONE 17			FIGURE No.	1
				SCALE:	AS SHOWN				





CLIENT <b>REGIONAL MUNICIPALITY OF NIAGARA</b>		DWN BY: ZF	PROJECT	REV. NO.: A
<b>Wood Environment &amp; Infrastructure Solutions</b> 110 James Street, Suite 301 St. Catharines, Ontario L2R 7E8		CHK'D BY: BH	<b>PHASE I ESA PROPOSED SEWER ALIGNMENT AND CONSTRUCTION SHAFTS</b>	DATE: FEBRUARY 2021
		DATUM: NAD 83		PROJECT NO: OESAM2008.1000
		PROJECTION: UTM_ZONE 17	TITLE	FIGURE No.
		SCALE: AS SHOWN	<b>SITE PLAN</b>	<b>2</b>

**APPENDIX A**

**REGULATORY CORRESPONDENCE AND  
RECORD OF INTERVIEW**

## Huras, Braedan

**From:** Public Information Services <publicinformationservices@tssa.org>  
**Sent:** Tuesday, December 8, 2020 4:30 PM  
**To:** Huras, Braedan  
**Subject:** RE: OESAM2008.1000 - Record Fuels

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Good afternoon,

Thank you for your request for confirmation of public information.

I have searched the below noted addresses and I have located the following record:

Inst Numb	Context	Address	City	Province	Postal Code	Inststatusnan	Segment1
46143425	FS Fuel Oil Tank	7606 OAKWOOD DR	NIAGARA FALLS	ON	L2E 6S5	Active	FS FUEL OIL TANK

For a further search in our archives, or for copies of documents, please complete our release of public information form found at [https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?\\_mid\\_=392](https://www.tssa.org/en/about-tssa/release-of-public-information.aspx?_mid_=392) and email the completed form to [publicinformationservices@tssa.org](mailto:publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a Cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thanks,



**Sherees Thompson | Public Information Agent**

Facilities  
345 Carlingview Drive  
Toronto, Ontario M9W 6N9  
Tel: +1-416-734-3363 | Fax: +1-416-231-6183 | E-Mail: [sthompson@tssa.org](mailto:sthompson@tssa.org)  
[www.tssa.org](http://www.tssa.org)



---

**From:** Huras, Braedan <braedan.huras@woodplc.com>  
**Sent:** December 8, 2020 2:43 PM  
**To:** Public Information Services <publicinformationservices@tssa.org>  
**Subject:** OESAM2008.1000 - Record Fuels

**[CAUTION]:** This email originated outside the organisation.  
Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hello,

Can you please inform me of any spills, fuel storage tanks, complaints or issues with the following addresses in Niagara Falls, Ontario:

Montrose Road:

- 9515
- 9127
- 8485
- 8675

Canadian Drive:

- 7770

Blackburn Parkway:

- 7695

Heartland Forest Road:

- 8108

Oakwood Drive:

- 7606
- 7838
- 7848

In advance, thank you for your assistance.

**Braedan Huras, EPT**

Environmental Technician  
Office: (905) 687-6616  
Mobile: (289) 219-1457  
110 James St., Suite 301, St. Catharines, ON L2R 7E8, Canada  
[braedan.huras@woodplc.com](mailto:braedan.huras@woodplc.com)  
[www.woodplc.com](http://www.woodplc.com)



December 8, 2020

City of Niagara Falls  
4310 Queen Street,  
P.O. Box 1023  
Niagara Falls, Ontario  
L2E 6X5

Attention: Mr. Alex Herlovitch – Deputy Director of Planning and Development

**Re: Phase I Environmental Site Assessment  
7606 Oakwood Drive and Road Allowance: Parts of Reixinger Road, Brown Road, and  
Montrose Road  
Niagara Falls, ON**

Dear Mr. Herlovitch:

We have been retained to undertake a Phase I Environmental Site Assessment on the above referenced property. As such, we would appreciate a review of your files regarding any environmental concerns associated with it, or the surrounding lands.

Please do not hesitate to contact the undersigned if you require any further information to complete your records search.

The search fee and site location plan are attached. Please note that the site for this request is highlighted in purple.

Additionally, we have attached a cheque for a total of \$300.00 (or 1 cheque for \$200.00 and another cheque for \$100.00). This payment covers this search fee, as well as the remaining balance on a search fee that Wood submitted to the City, dated August 24, 2020 for the following Site: 6811, 7047 Reixinger Road (Job # OESAM2008.3000). Please kindly forward a receipt with your response.

Thank you for your earliest response.

Regards,

**Wood Environment and Infrastructure Solutions**



Braedan Huras  
Environmental Technician  
Encl. (cheque, site location plan)

Freedom of Information and  
Protection of Privacy Office  
40 St. Clair Avenue West, 12<sup>th</sup> Floor  
Toronto ON M4V 1M2  
Telephone 416 314-4075

**Instructions**

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

**For Ministry Use Only**


FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	<input type="checkbox"/> Cheque <input type="checkbox"/> VISA/MC <input type="checkbox"/> Cash/Money Order
<input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SCB <input type="checkbox"/> SDW	

**1. Requester Data**

Last Name <b>Huras</b>	First Name <b>Braedan</b>	Middle Initial
Title <b>Environmental Technician</b>	Company Name <b>Wood</b>	

**Mailing Address**

Unit Number <b>301</b>	Street Number <b>110</b>	Street Name <b>James Street</b>	PO Box
City/Town <b>St. Catharines</b>		Province <b>Ontario</b>	Postal Code <b>L2R 7E8</b>
Email Address <b>braedan.huras@woodplc.com</b>		Telephone Number <b>289 219-1457</b> ext.	Fax Number

Project/Reference Number <b>OESAM2008.1000</b>	Signature of Requester 
---	--

**2. Request Parameters**

**Municipal Address** (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number <b>7606</b>	Street Name <b>Oakwood Drive (South Side High Lift Pumping Station)</b>	PO Box
Lot Number	Concession	Geographic Township	
City/Town/Village <b>Niagara Falls</b>		Province <b>Ontario</b>	Postal Code <b>L2H 2Y6</b>

**Present Property**

1. Owner <b>The Regional Municipality of Niagara</b>	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable) <b>South Side High Lift Sewage Pumping Station</b>	

**Previous Property**

1. Owner	Date of Ownership (yyyy/mm/dd)
Tenant (if applicable)	

2. Owner

Date of Ownership (yyyy/mm/dd)

Tenant (if applicable)

**3. Search Parameters**

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

**4. Environmental Compliance Approvals/Certificates of Approval**

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	<input checked="" type="checkbox"/>	1985-Present
renewable energy	<input checked="" type="checkbox"/>	1985-Present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	<input checked="" type="checkbox"/>	1985-Present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	<input checked="" type="checkbox"/>	1985-Present
waste water - industrial discharge	<input checked="" type="checkbox"/>	1985-Present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	<input checked="" type="checkbox"/>	1985-Present
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	<input checked="" type="checkbox"/>	1985-Present

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of \$300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

<b>RECORD OF INTERVIEW – PROJECT # OESAM2008</b>	
<b>Purpose of Interview (PI ESA / Due Diligence ESA)</b>	Due Diligence Phase I ESA
<b>Date of Interview</b>	November 23, 2020 <span style="float: right;"><b>Format (phone / meeting)</b></span>
<b>Site Address</b>	Proposed SNF WWTP Alignment and Construction Shaft
<b>Interviewee &amp; Affiliation &amp; Contact Number</b>	Jade Anema, W-WW Engineering (Region); 289-241-5705
<b>Wood Interviewer / Office Location</b>	Braedan Huras - Thorold/St. Catharines Office
<b>SITE INFORMATION</b>	
<p>1) Describe land use history. Was the property ever used for industrial use, dry cleaning, a garage or bulk liquid dispensing facility, including a gasoline outlet?                      No, the site was only known as South Side High Lift</p>	
<p>2) Are you aware of any environmental issues associated with the subject property such as waste disposal, landfilling, chemical use and / or storage (including spills), above or underground storage tanks, MOE orders, etc.? (obtain details)    Yes    No                      No known spills. The ERIS "spills" were confirmed to be CSO overflow due to wet weather events when the combined sewer overflow outfalls into the hydro canal. No fuel was spilled.</p>	
<p>3) Are you aware of any environmental building management issues such as asbestos containing materials, PCBs in electrical equipment, odour, mould, indoor air quality, UFFI, ODSs, lead-based paints, etc.? (obtain details)    Yes    <input checked="" type="checkbox"/> No</p>	
<p>4) Are you aware of any site-specific permits, waste generator number(s), certificates of approval, water well records or sewer use / discharge permits?    Yes    No</p>	
<p>5) Are you aware of any current or historical environmental concerns associated with adjacent properties? (obtain details)                      Yes    <input checked="" type="checkbox"/> No</p>	
<p>6) Are you aware of any previous environmental investigations, inspections, audits or reports (e.g., environmental assessment and remediation, tank removals, asbestos or mould surveys) for the subject property or adjacent properties?    Yes    <input checked="" type="checkbox"/> No</p>	
<p>7) Is there anyone else Wood should contact for additional environmental information? (name, title, phone no.)    Yes    <input checked="" type="checkbox"/> No                      I have sent the survey to others within the Region to find more information</p>	

Are additional pages attached: Yes/No, If so how many?\_\_

## Huras, Braedan

---

**From:** Anema, Jade <Jade.Anema@niagararegion.ca>  
**Sent:** Monday, November 23, 2020 10:46 AM  
**To:** Huras, Braedan  
**Cc:** Patterson, Kelly; Danielle MacKinnon - GM BluePlan; Matthew Fisher - GM BluePlan; Vespi, Lisa  
**Subject:** RE: Proposed SNF WWTP Alignment and Construction Shaft Locations - Phase I ESA Record of Interview  
**Attachments:** 2020\_11\_23\_Wood - Record of Interview - Phase I ESA.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**CAUTION:** External email. Please do not click on links/attachments unless you know the content is genuine and safe.

Hi Braedan,

See attached and below for answers regarding the Phase 1 ESA.

- The tank adjacent to the generator buildings are diesel tanks. There is a day tank on the inside of the building at SSHL as well.
- No other chemicals stored on site
- The pad mount transformer just outside the electrical room was replaced as part of the 2015 Upgrades project.
- No known site history
- No fuel spills

Regards,

**Jade Anema, MBA, PMP, EIT**  
Project Coordinator, Water and Wastewater Engineering  
Niagara Region  
[jade.anema@niagararegion.ca](mailto:jade.anema@niagararegion.ca)  
Phone: 289-241-5705  
[www.niagararegion.ca](http://www.niagararegion.ca)



---

**From:** Huras, Braedan <braedan.huras@woodplc.com>

**Sent:** Wednesday, November 18, 2020 2:11 PM

**To:** Danielle MacKinnon - GM BluePlan <Danielle.MacKinnon@gmblueplan.ca>; Anema, Jade <Jade.Anema@niagararegion.ca>; Matthew Fisher - GM BluePlan <Matthew.Fisher@gmblueplan.ca>; Vespi, Lisa <Lisa.Vespi@niagararegion.ca>

**Cc:** Patterson, Kelly <kelly.patterson@woodplc.com>

**Subject:** Proposed SNF WWTP Alignment and Construction Shaft Locations - Phase I ESA Record of Interview

**CAUTION:** This email originated from outside of the Niagara Region email system. Use caution when clicking links or opening attachments unless you recognize the sender and know the content is safe.

Good Afternoon,

I am working on the Phase I ESA for the SNF WWTP sewer alignment and construction shaft locations. Please see attached Record of Interview form to be included in the Phase I ESA report. Could someone with knowledge of the site or any possible environmental concerns surrounding the site please fill out the form and send it back to me? Also, could that individual, or anyone else familiar with the site, please answer the following questions:

1. While on-Site I noted the presence of above-ground storage tanks (ASTs) at the High Lift Pumping Station, and the pumping station near the intersection of Heartland Forest Rd and Brown Rd. What type of fuel is contained in these tanks and can the usage of these tanks be explained please?
2. Are there any chemicals, transformers, potential PCB-containing electrical units, or other materials stored/used at the pumping stations that may affect the environmental condition of the Site?
3. In the ERIS desktop review report prepared by Golder in February 2020, several spills were noted at the High Lift Pumping Station (7606 Oakwood Dr) in 2009, 2014, and 2019, with environmental impact confirmed. Is there any additional information that can be provided regarding these spills? I.e., specific contaminants, whether or not a remediation was completed, etc?

Thank you and I look forward to hearing back,  
Braedan

**Braedan Huras, EPT**

Environmental Technician

Office: (905) 687-6616 x43

Mobile: (289) 219-1457


3300 Merrittville Hwy, Unit 5, Thorold, ON, L2V 4Y6, Canada

[braedan.huras@woodplc.com](mailto:braedan.huras@woodplc.com)

[www.woodplc.com](http://www.woodplc.com)

**APPENDIX B**  
**PHOTOGRAPHS**

Phase I Environmental Site Assessment  
Proposed Sewer Alignment & Construction Shafts, Niagara Falls, Ontario

	<p><b>Photo 1:</b> View of the east end of Reixinger Road, east of the QEW.</p>
	<p><b>Date:</b> November 3, 2020</p>
	<p><b>Direction:</b> East</p>

	<p><b>Photo 2:</b> View of the western portion of Reixinger Road.</p>
	<p><b>Date:</b> November 3, 2020</p>
	<p><b>Direction:</b> West</p>

Phase I Environmental Site Assessment  
Proposed Sewer Alignment & Construction Shafts, Niagara Falls, Ontario



**Photo 3:**  
View of an example of one of the commercial/light industrial properties on Reixinger Road.

**Date:**  
November 3, 2020

**Direction:**  
North



**Photo 4:**  
View of Reixinger Road from the south.

**Date:**  
November 3, 2020

**Direction:**  
North

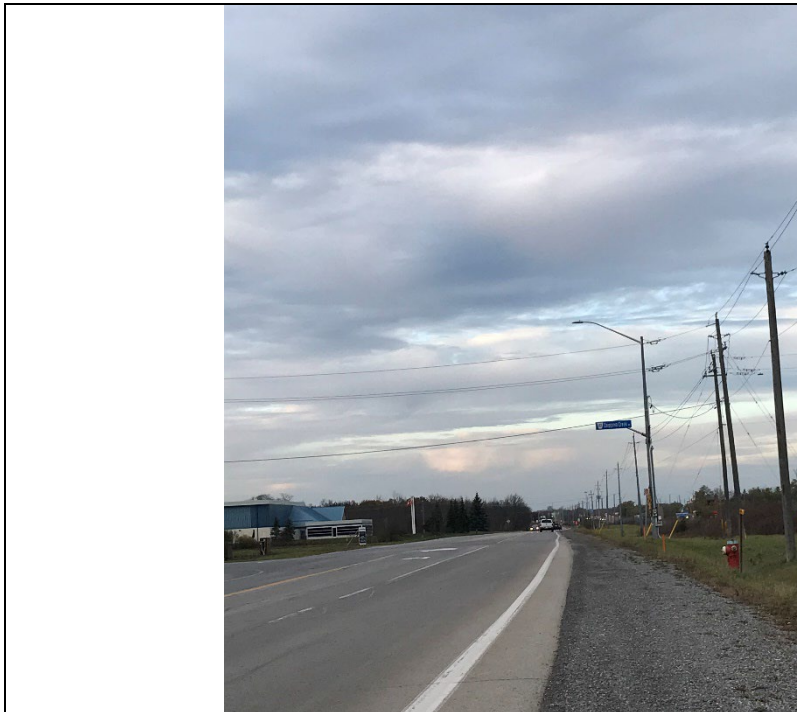




**Photo 5.**  
View of the chemical /pharmaceutical research company at 8485 Montrose Road.

**Date:**  
November 3, 2020

**Direction:**  
West



**Photo 6.**  
View of Montrose Road north from Chippawa Creek Road.

**Date:**  
November 3, 2020

**Direction:**  
North

Phase I Environmental Site Assessment  
Proposed Sewer Alignment & Construction Shafts, Niagara Falls, Ontario





**Photo 9:**  
The two ASTs located at 7770 Canadian Drive.

**Date:**  
November 3, 2020

**Direction:**  
Southeast



**Photo 10:**  
Vacant parcel of land located between 7606 Oakwood Drive and the QEW.

**Date:**  
November 3, 2020

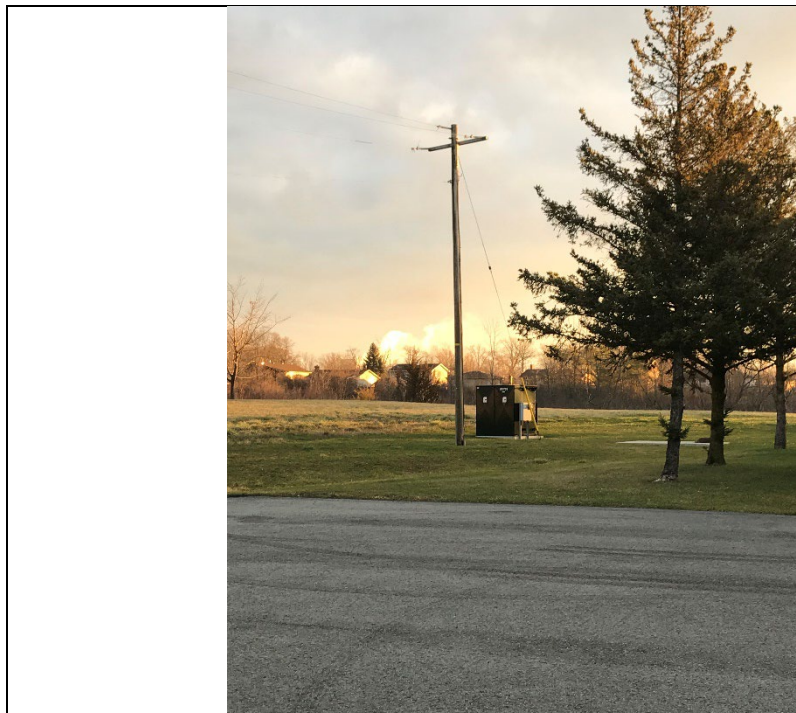
**Direction:**  
South



**Photo 11:**  
Diesel fuel AST located at the South Side High Lift Sewage Pumping Station.

**Date:**  
November 15, 2020

**Direction:**  
N/A



**Photo 12:**  
Pad-mounted transformer located at 7606 Oakwood Drive.

**Date:**  
December 10, 2020

**Direction:**  
N/A

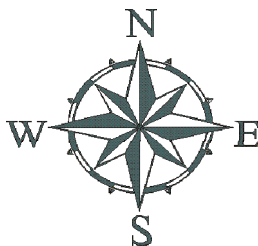


**APPENDIX C**  
**AERIAL PHOTOS**



**wood.**

1934 Aerial Photograph



**Phase I Environmental Site Assessment**

**Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON**

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

1954 Aerial Photograph

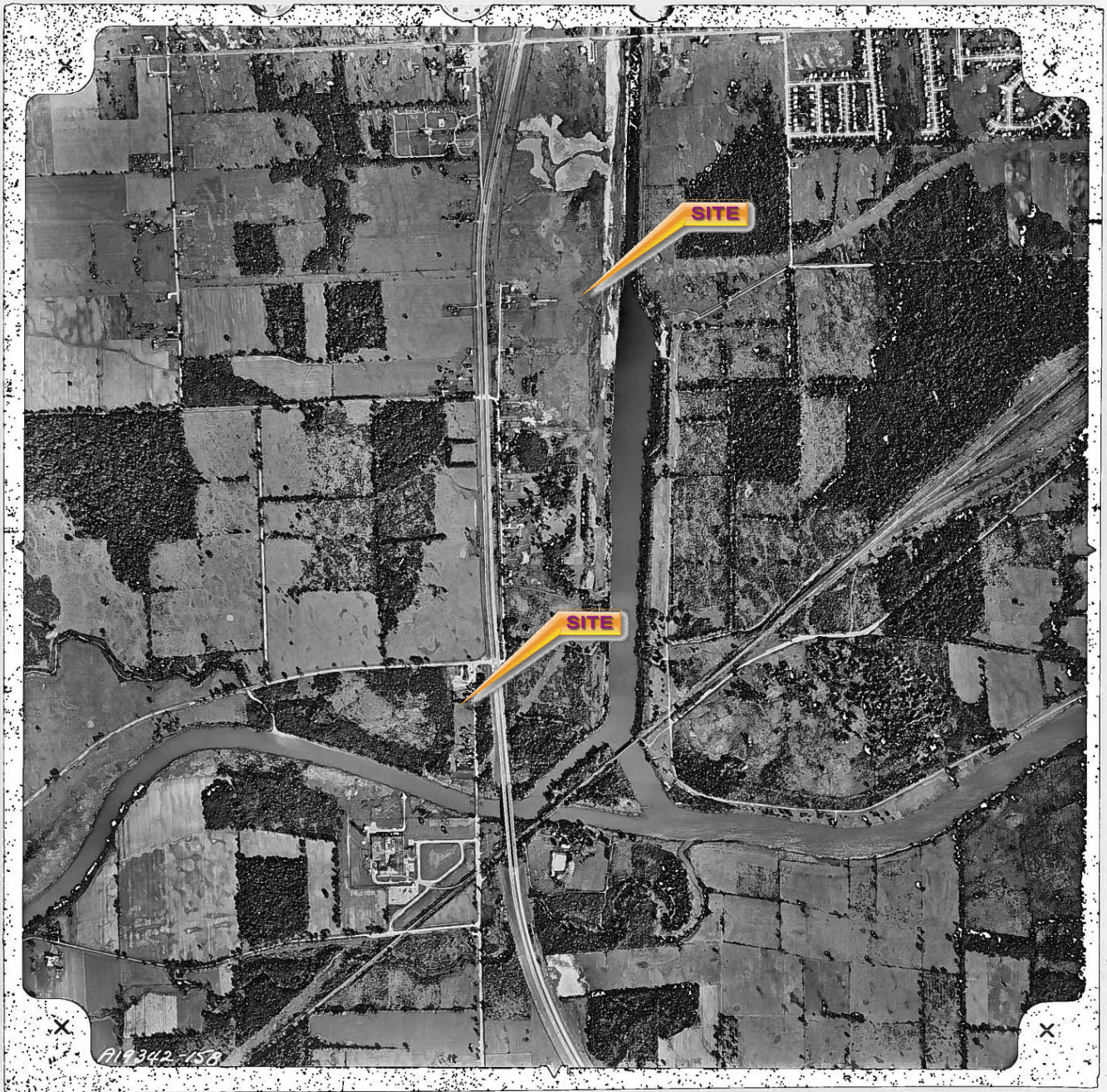


Phase I Environmental Site Assessment

Proposed Sewer Alignment &  
Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21

1965 Aerial Photograph of the Niagara Falls Area



A19342-15B

**wood.**

1965 Aerial Photograph



Phase I Environmental Site Assessment

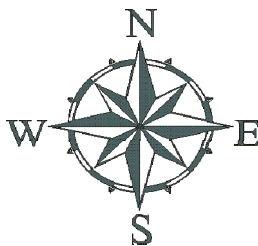
Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

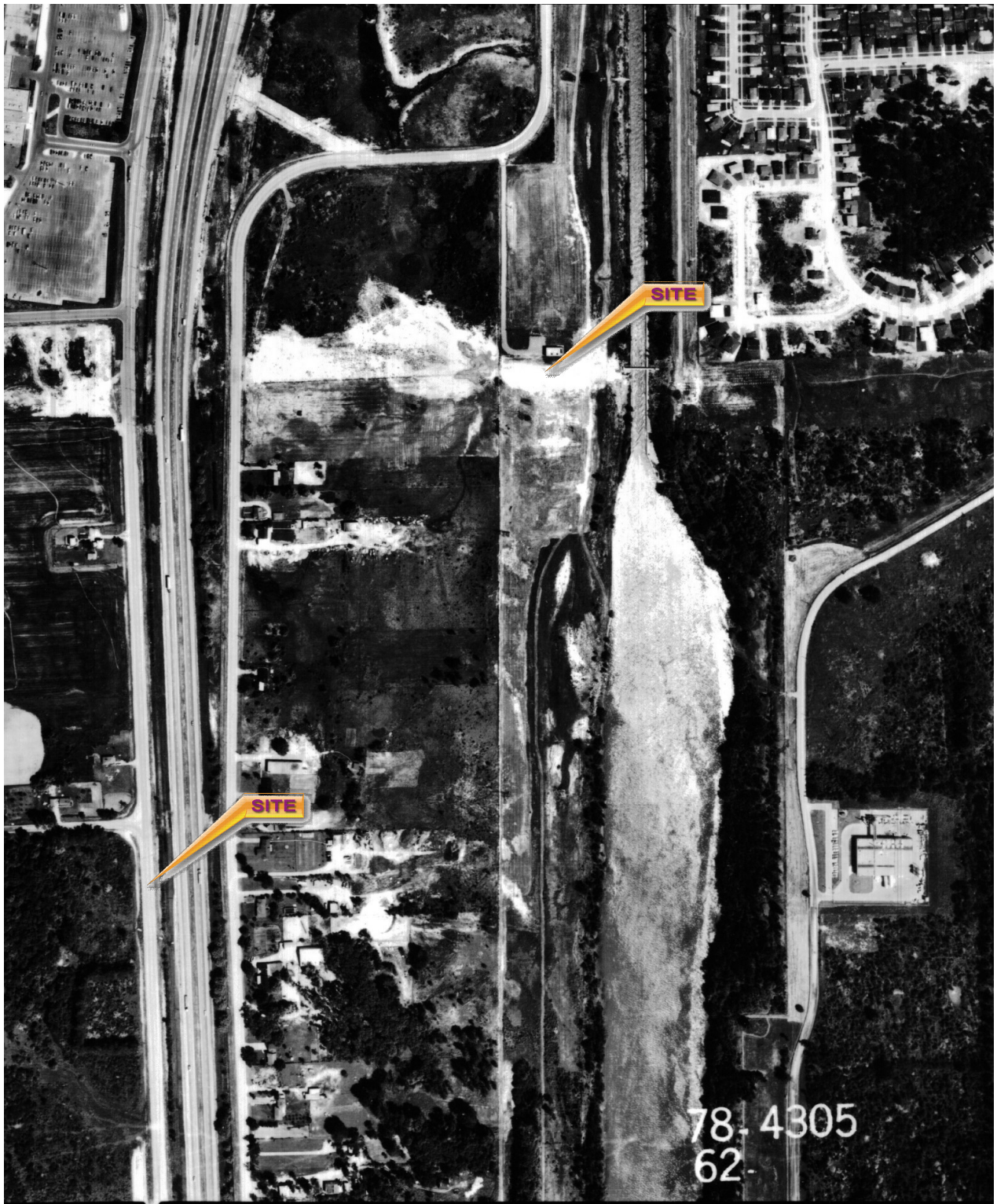
1968 Aerial Photograph



**Phase I Environmental Site Assessment**

**Proposed Sewer Alignment &  
Construction Shafts, Niagara Falls, ON**

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

1978 Aerial Photograph



Phase I Environmental Site Assessment

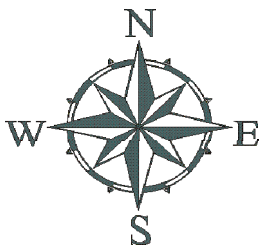
Proposed Sewer Alignment &  
Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

1978 Aerial Photograph



Phase I Environmental Site Assessment

**Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON**

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**



1983 Aerial Photograph

Phase I Environmental Site Assessment

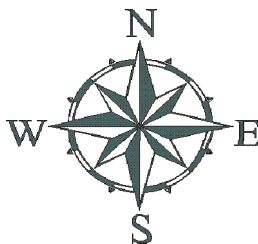
Proposed Sewer Alignment &  
Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21





**wood.**



1994 Aerial Photograph

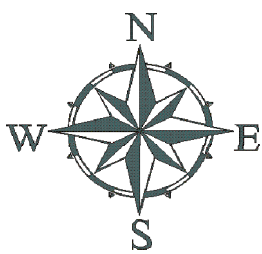
Phase I Environmental Site Assessment

Proposed Sewer Alignment &  
Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

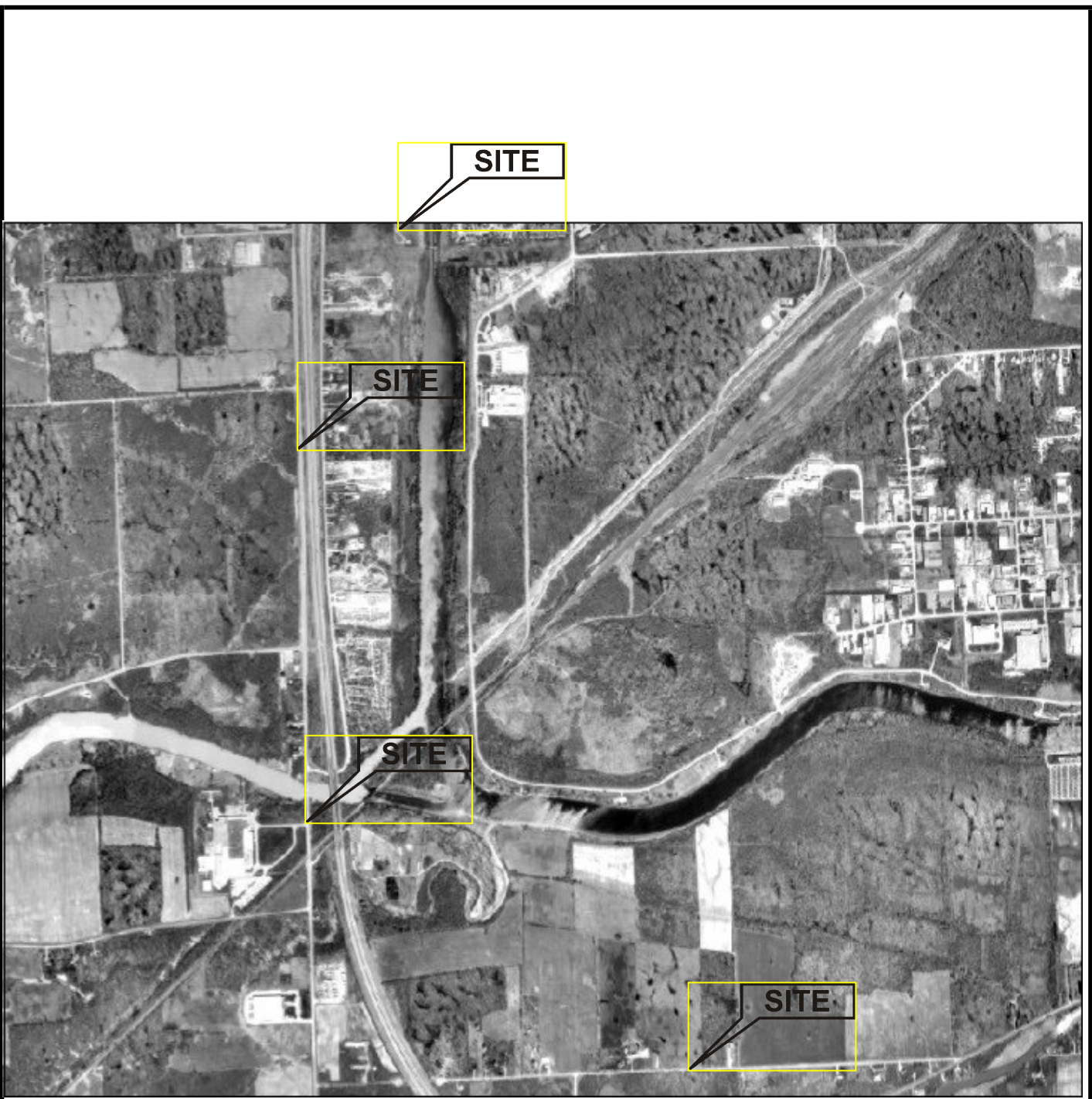


1994 Aerial Photograph

Phase I Environmental Site Assessment

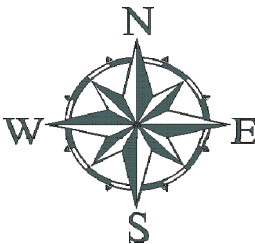
Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

2000 Aerial Photograph



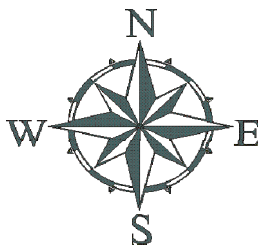
**Phase I Environmental Site Assessment**

**Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Jan-21



**wood.**

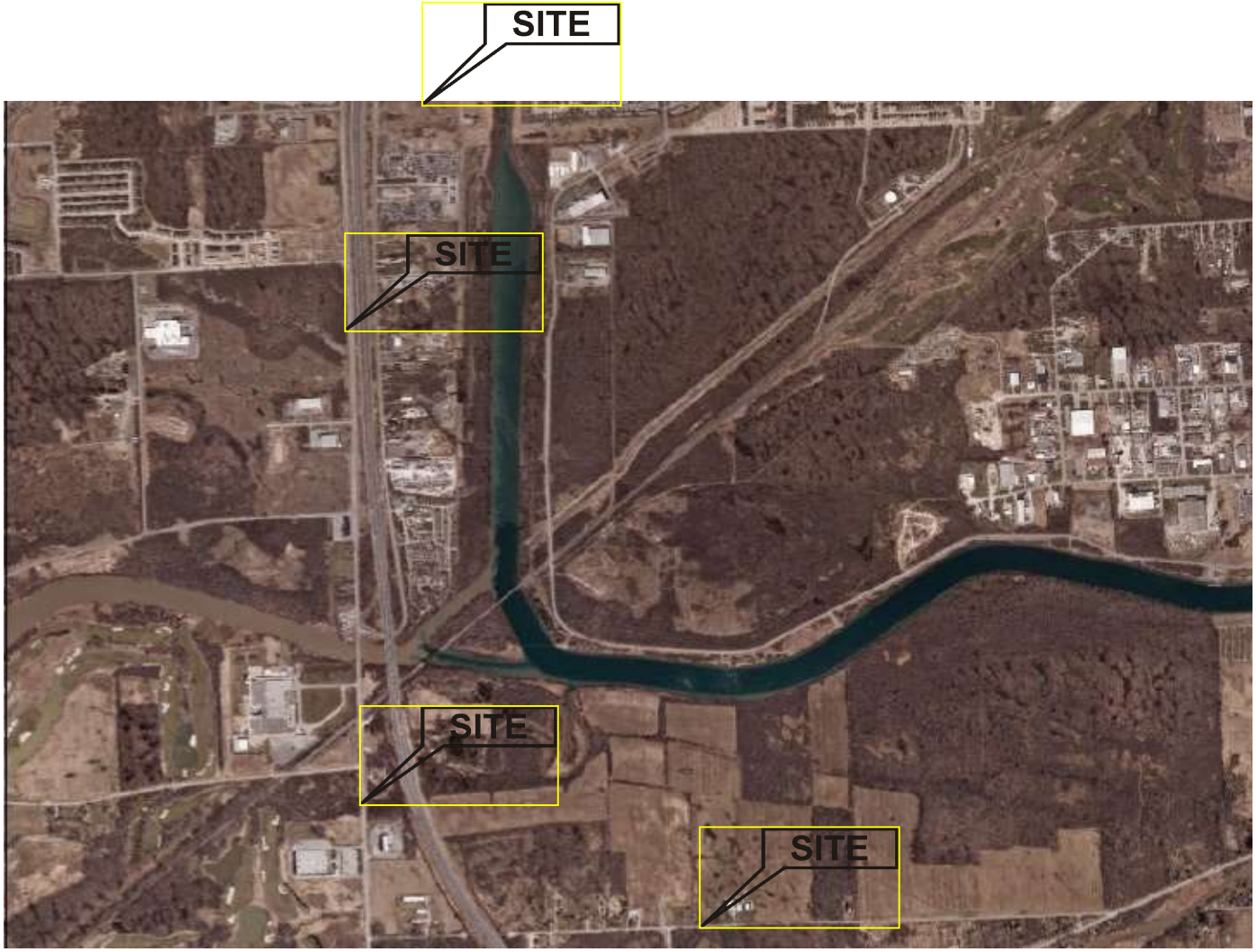


2010 Aerial Photograph

**Phase I Environmental Site Assessment**

**Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON**

Project No.:	Scale:	Date:
OESAM2008	Not to Scale	Jan-21



**wood.**

2018 Aerial Photograph



**Phase I Environmental Site Assessment**

**Proposed Sewer Alignment & Construction Shafts, Niagara Falls, ON**

<b>Project No.:</b>	<b>Scale:</b>	<b>Date:</b>
OESAM2008	Not to Scale	Jan-21

**APPENDIX D**  
**ERIS REPORT**



# DATABASE REPORT

**Project Property:** *Phase I ESA  
Proposed Alignment and Construction Shaft  
Niagara Falls ON*

**Project No:** *OESAM2008.1000*

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *20311800192*

**Requested by:** *Wood Environment & Infrastructure  
Solutions, Inc.*

**Date Completed:** *November 23, 2020*

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# Executive Summary

## **Property Information:**

**Project Property:** *Phase I ESA  
Proposed Alignment and Construction Shaft Niagara Falls ON*

**Project No:** *OESAM2008.1000*

## **Order Information:**

**Order No:** *20311800192*

**Date Requested:** *November 18, 2020*

**Requested by:** *Wood Environment & Infrastructure Solutions, Inc.*

**Report Type:** *Quote - Custom-Build Your Own Report*

## **Historical/Products:**

**City Directory Search** *CD - Subject Site plus 10 Adjacent Properties*

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	1	1
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	28	28
CA	<i>Certificates of Approval</i>	Y	1	26	27
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	1	1
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	2	2
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	2	2
EBR	<i>Environmental Registry</i>	Y	0	7	7
ECA	<i>Environmental Compliance Approval</i>	Y	0	31	31
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	25	25
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	3	3
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	149	149
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	6	6
NDFT	<i>National Defense &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	2	2
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	1	1
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	12	12
PINC	<i>Pipeline Incidents</i>	Y	0	3	3
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	1	1
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	1	1
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	16	16
SPL	<i>Ontario Spills</i>	Y	0	18	18
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	1	1
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	27	27
<b>Total:</b>			1	367	368

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
<a href="#">36</a>	CA	NIAGARA FALLS CITY - LOT 210, BF CONC.	MONTROSE RD./BROWN RD. NIAGARA FALLS CITY ON	NNW/0.5	1.00	<a href="#">75</a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">1</a>	WWIS		lot 211 ON  <i>Well ID:</i> 6601397	SE/162.9	0.00	<a href="#">75</a>
<a href="#">2</a>	WWIS		lot 211 ON  <i>Well ID:</i> 6601401	WNW/122.8	0.00	<a href="#">77</a>
<a href="#">3</a>	PRT	YOGI BEARS JELLYSTONE PARK CAMP-RESORT	8676 OAKWOOD DR NIAGARA FALLS ON	ESE/229.3	0.00	<a href="#">80</a>
<a href="#">3</a>	RST	YOGI BEAR'S JELLYSTONE PARK CAMP-RESORT	8676 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	ESE/229.3	0.00	<a href="#">80</a>
<a href="#">4</a>	CA		QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	WNW/1.3	1.06	<a href="#">81</a>
<a href="#">4</a>	CA	QEW, Chippawa Creek Road, Montrose Road	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	WNW/1.3	1.06	<a href="#">81</a>
<a href="#">4</a>	HINC		NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	WNW/1.3	1.06	<a href="#">81</a>
<a href="#">4</a>	ECA	The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	WNW/1.3	1.06	<a href="#">82</a>
<a href="#">4</a>	ECA	The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	WNW/1.3	1.06	<a href="#">82</a>
<a href="#">5</a>	EHS		Niagara Falls ON Niagara Falls ON	SSW/83.7	0.00	<a href="#">82</a>
<a href="#">6</a>	SPL	The Regional Municipality of Niagara	8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON	W/35.5	3.12	<a href="#">82</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#"><u>7</u></a>	EHS		Oakwood Dr Niagara Falls ON	SE/270.1	0.00	<a href="#"><u>83</u></a>
<a href="#"><u>8</u></a>	SCT	MODERN MOSAIC LTD	8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	N/141.5	0.00	<a href="#"><u>83</u></a>
<a href="#"><u>8</u></a>	SCT	Modern Mosaic Ltd.	8620 Oakwood Dr Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>83</u></a>
<a href="#"><u>8</u></a>	CA		8620 Oakwood Drive Niagara Falls ON	N/141.5	0.00	<a href="#"><u>84</u></a>
<a href="#"><u>8</u></a>	CA		8620 Oakwood Drive Niagara Falls ON	N/141.5	0.00	<a href="#"><u>84</u></a>
<a href="#"><u>8</u></a>	EBR	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	N/141.5	0.00	<a href="#"><u>84</u></a>
<a href="#"><u>8</u></a>	EBR	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	N/141.5	0.00	<a href="#"><u>85</u></a>
<a href="#"><u>8</u></a>	CA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>85</u></a>
<a href="#"><u>8</u></a>	EHS		8620 Oakwood Dr Niagara Falls ON L2E6S5	N/141.5	0.00	<a href="#"><u>85</u></a>
<a href="#"><u>8</u></a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>86</u></a>
<a href="#"><u>8</u></a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>86</u></a>
<a href="#"><u>8</u></a>	ECA	Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>86</u></a>
<a href="#"><u>8</u></a>	SPL	Modern Mosaic Limited	8620 Oakwood Dr Niagara Falls ON L2E 6S5	N/141.5	0.00	<a href="#"><u>86</u></a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">9</a>	SCT	Reid Signs	8825 Montrose Rd Niagara Falls ON L2E 6S5	WSW/15.7	3.36	<a href="#">87</a>
<a href="#">10</a>	CA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2E 6S5	N/116.2	0.00	<a href="#">87</a>
<a href="#">10</a>	ECA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	N/116.2	0.00	<a href="#">87</a>
<a href="#">10</a>	ECA	The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	N/116.2	0.00	<a href="#">88</a>
<a href="#">11</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601400	S/151.8	0.00	<a href="#">88</a>
<a href="#">12</a>	GEN	T.T.&H MONTGOMERY CONSTRUCTION	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">92</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">92</a>
<a href="#">12</a>	PES	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	N/147.8	0.00	<a href="#">92</a>
<a href="#">12</a>	CA	T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	N/147.8	0.00	<a href="#">92</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">93</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">93</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">93</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON	N/147.8	0.00	<a href="#">94</a>
<a href="#">12</a>	ECA	T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	N/147.8	0.00	<a href="#">94</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">94</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">95</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">95</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">95</a>
<a href="#">12</a>	PES	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	N/147.8	0.00	<a href="#">95</a>
<a href="#">12</a>	GEN	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/147.8	0.00	<a href="#">96</a>
<a href="#">13</a>	EHS		8675 Montrose Rd Niagara Falls ON L2H0Z9	SW/51.9	6.24	<a href="#">96</a>
<a href="#">14</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601398	NNW/103.7	0.00	<a href="#">96</a>
<a href="#">15</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601399	S/144.6	-1.09	<a href="#">100</a>
<a href="#">16</a>	EHS		210 Montrose Road Niagara Falls ON	WNW/158.5	0.00	<a href="#">103</a>
<a href="#">17</a>	WWIS		ON	S/139.5	-1.85	<a href="#">103</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 6601403			
<a href="#">18</a>	SCT	Alo North America Inc.	8485 Montrose Rd Niagara Falls ON L2H 3L7	NW/75.2	0.00	<a href="#">106</a>
<a href="#">18</a>	GEN	Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	NW/75.2	0.00	<a href="#">106</a>
<a href="#">18</a>	GEN	Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	NW/75.2	0.00	<a href="#">107</a>
<a href="#">18</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON	NW/75.2	0.00	<a href="#">107</a>
<a href="#">18</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON	NW/75.2	0.00	<a href="#">107</a>
<a href="#">18</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	NW/75.2	0.00	<a href="#">107</a>
<a href="#">18</a>	GEN	Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	NW/75.2	0.00	<a href="#">108</a>
<a href="#">19</a>	BORE		ON	SSW/29.9	-49.10	<a href="#">108</a>
<a href="#">20</a>	BORE		ON	SSW/28.5	-62.95	<a href="#">110</a>
<a href="#">21</a>	BORE		ON	SSW/10.1	-56.59	<a href="#">112</a>
<a href="#">22</a>	BORE		ON	SSW/3.8	-25.63	<a href="#">113</a>
<a href="#">23</a>	SCT	SWS Star Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">115</a>
<a href="#">23</a>	GEN	SWS Star Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">116</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">23</a>	SCT	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">116</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">116</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">117</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">117</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">117</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON	NW/187.3	0.00	<a href="#">118</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">118</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">118</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">119</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">119</a>
<a href="#">23</a>	GEN	SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	NW/187.3	0.00	<a href="#">119</a>
<a href="#">24</a>	WWIS		lot 10 ON <b>Well ID:</b> 7338633	S/98.0	-23.20	<a href="#">120</a>
<a href="#">25</a>	WWIS		MONROSE RD Niagara Falls ON	SSW/57.2	10.40	<a href="#">121</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
			<b>Well ID:</b> 7305848			
<a href="#">26</a>	CA		8230 Oakwood Drive Niagara Falls ON L2E 6S5	N/161.5	0.00	<a href="#">122</a>
<a href="#">26</a>	EBR	The Chair Expert Mobile Unit	8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	N/161.5	0.00	<a href="#">123</a>
<a href="#">26</a>	GEN	VOLSCI CONSTRUCTION CO.	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">123</a>
<a href="#">26</a>	GEN	VOLSCI CONSTRUCTION CO. INC. 40-295	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">123</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	N/161.5	0.00	<a href="#">124</a>
<a href="#">26</a>	DTNK	VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	N/161.5	0.00	<a href="#">124</a>
<a href="#">26</a>	DTNK	VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	N/161.5	0.00	<a href="#">124</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">125</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">125</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">125</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">126</a>
<a href="#">26</a>	EHS		8230 Oakwood Dr Niagara Falls ON L2E6S5	N/161.5	0.00	<a href="#">126</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	N/161.5	0.00	<a href="#">126</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">26</a>	ECA	Eugene T. Willick	8230 Oakwood Drive Niagara Falls ON L2E 6S5	N/161.5	0.00	<a href="#">127</a>
<a href="#">26</a>	GEN	NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/161.5	0.00	<a href="#">127</a>
<a href="#">26</a>	EHS		8230 Oakwood Drive Niagara Falls ON	N/161.5	0.00	<a href="#">127</a>
<a href="#">27</a>	WWIS		MONTROSE RD Niagara Falls ON <b>Well ID: 7231244</b>	SSW/16.2	8.20	<a href="#">127</a>
<a href="#">28</a>	CA	FORD MOTOR CO. OF CANADA	9127 MONTROSE RD. NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">132</a>
<a href="#">28</a>	CA	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">132</a>
<a href="#">28</a>	CA	FORD MOTOR COMPANY OF CANADA (NIAGARA GL	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">132</a>
<a href="#">28</a>	SRDS	FORD MOTOR COMPANY	NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">133</a>
<a href="#">28</a>	NPCB	FORD MOTOR COMPANY OF CANADA	9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">133</a>
<a href="#">28</a>	NPCB	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">133</a>
<a href="#">28</a>	SPL	FORD MOTOR CO. OF CANADA LTD.	WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">134</a>
<a href="#">28</a>	SPL	FORD MOTOR CO. OF CANADA LTD.	9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">134</a>

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<a href="#">28</a>	CA	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	SW/290.0	6.22	<a href="#">135</a>
<a href="#">28</a>	CA		9127 Montrose Avenue Niagara Falls ON	SW/290.0	6.22	<a href="#">135</a>
<a href="#">28</a>	CA	E.S. Fox Construction	9127 Montrose Rd. Niagara Falls ON	SW/290.0	6.22	<a href="#">135</a>
<a href="#">28</a>	EBR	E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls ON	SW/290.0	6.22	<a href="#">136</a>
<a href="#">28</a>	OPCB	FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">136</a>
<a href="#">28</a>	GEN	FORD MOTOR CO. OF CANADA LTD.	NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">137</a>
<a href="#">28</a>	GEN	FORD (OUT OF BUS) 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">137</a>
<a href="#">28</a>	GEN	FORD MOTOR COMPANY OF CANADA LTD. 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">138</a>
<a href="#">28</a>	GEN	FORD (OUT OF BUS) MOTOR COMPANY	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	SW/290.0	6.22	<a href="#">140</a>
<a href="#">28</a>	GEN	E.S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">141</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">141</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	SW/290.0	6.22	<a href="#">142</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	SW/290.0	6.22	<a href="#">143</a>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">28</a>	SCT	E.S. Fox Ltd.	9127 Montrose Rd Niagara Falls ON L2E 6S5	SW/290.0	6.22	<a href="#">143</a>
<a href="#">28</a>	FSTH	E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">144</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SW/290.0	6.22	<a href="#">144</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SW/290.0	6.22	<a href="#">145</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SW/290.0	6.22	<a href="#">145</a>
<a href="#">28</a>	FSTH	E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">145</a>
<a href="#">28</a>	NCPL	E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	SW/290.0	6.22	<a href="#">146</a>
<a href="#">28</a>	CA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON	SW/290.0	6.22	<a href="#">146</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">146</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">147</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">148</a>
<a href="#">28</a>	FST	E.S. FOX LTD **	9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	SW/290.0	6.22	<a href="#">150</a>

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<a href="#">28</a>	FST	E.S. FOX LTD **	9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	SW/290.0	6.22	<a href="#">150</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">151</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">152</a>
<a href="#">28</a>	EBR	E.S. Fox Limited	9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">153</a>
<a href="#">28</a>	EBR	E.S. Fox Limited	9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	SW/290.0	6.22	<a href="#">153</a>
<a href="#">28</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SW/290.0	6.22	<a href="#">154</a>
<a href="#">28</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SW/290.0	6.22	<a href="#">154</a>
<a href="#">28</a>	ECA	E.S. Fox Enterprises Inc.	9127 Montrose Avenue Niagara Falls ON L2E 5S6	SW/290.0	6.22	<a href="#">154</a>
<a href="#">28</a>	ECA	E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls ON L2E 5S6	SW/290.0	6.22	<a href="#">155</a>
<a href="#">28</a>	ECA	E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	SW/290.0	6.22	<a href="#">155</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">155</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">156</a>

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<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">157</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">158</a>
<a href="#">28</a>	GEN	E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	SW/290.0	6.22	<a href="#">159</a>
<a href="#">29</a>	EHS		Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	N/243.7	-0.48	<a href="#">160</a>
<a href="#">29</a>	EHS		Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	N/243.7	-0.48	<a href="#">161</a>
<a href="#">29</a>	EHS		Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	N/243.7	-0.48	<a href="#">161</a>
<a href="#">30</a>	WWIS		lot 211 ON <b>Well ID:</b> 6601402	N/121.9	0.00	<a href="#">161</a>
<a href="#">31</a>	WWIS		ON <b>Well ID:</b> 6601226	N/113.6	0.00	<a href="#">164</a>
<a href="#">32</a>	SPL	The Regional Municipality of Niagara	9240 Montrose Rd Niagara Falls ON	SSW/26.0	1.47	<a href="#">167</a>
<a href="#">32</a>	CA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	SSW/26.0	1.47	<a href="#">167</a>
<a href="#">32</a>	CA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	SSW/26.0	1.47	<a href="#">167</a>
<a href="#">32</a>	CA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	SSW/26.0	1.47	<a href="#">168</a>
<a href="#">32</a>	ECA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	SSW/26.0	1.47	<a href="#">168</a>



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<a href="#">32</a>	ECA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	SSW/26.0	1.47	<a href="#">168</a>
<a href="#">32</a>	ECA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	SSW/26.0	1.47	<a href="#">168</a>
<a href="#">32</a>	ECA	The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	SSW/26.0	1.47	<a href="#">169</a>
<a href="#">32</a>	SPL	The Regional Municipality of Niagara	9240 Montrose Rd; 3450 Stanley Ave Niagara Falls; Niagara Falls ON	SSW/26.0	1.47	<a href="#">169</a>
<a href="#">33</a>	EHS		8108 Oakwood Drive Niagara Falls ON L2E 6S5	N/156.5	2.13	<a href="#">169</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/124.2	2.17	<a href="#">170</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E 6S5	N/124.2	2.17	<a href="#">170</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON	N/124.2	2.17	<a href="#">170</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	N/124.2	2.17	<a href="#">171</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	N/124.2	2.17	<a href="#">171</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	N/124.2	2.17	<a href="#">171</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	N/124.2	2.17	<a href="#">171</a>
<a href="#">34</a>	GEN	KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	N/124.2	2.17	<a href="#">172</a>

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<a href="#">35</a>	WWIS		lot 210 ON <b>Well ID:</b> 6601396	NNW/16.3	1.00	<a href="#">172</a>
<a href="#">37</a>	WWIS		KALAU RD + BROWN RD Niagara Falls ON <b>Well ID:</b> 7191624	NW/264.5	0.00	<a href="#">175</a>
<a href="#">38</a>	SPL	PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	S/82.7	-15.50	<a href="#">178</a>
<a href="#">38</a>	GEN	MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	S/82.7	-15.50	<a href="#">178</a>
<a href="#">38</a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	S/82.7	-15.50	<a href="#">178</a>
<a href="#">38</a>	GEN	MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	S/82.7	-15.50	<a href="#">179</a>
<a href="#">38</a>	GEN	DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#">179</a>
<a href="#">38</a>	GEN	CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#">179</a>
<a href="#">38</a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#">180</a>
<a href="#">38</a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	S/82.7	-15.50	<a href="#">180</a>
<a href="#">38</a>	EHS		9514 Montrose Road Niagara Falls ON	S/82.7	-15.50	<a href="#">181</a>
<a href="#">38</a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	S/82.7	-15.50	<a href="#">181</a>
<a href="#">38</a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	S/82.7	-15.50	<a href="#">181</a>

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<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>182</u></a>
<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	S/82.7	-15.50	<a href="#"><u>182</u></a>
<a href="#"><u>38</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	S/82.7	-15.50	<a href="#"><u>183</u></a>
<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>183</u></a>
<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>184</u></a>
<a href="#"><u>38</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>184</u></a>
<a href="#"><u>38</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>185</u></a>
<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>185</u></a>
<a href="#"><u>38</u></a>	GEN	Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>186</u></a>
<a href="#"><u>38</u></a>	GEN	DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>186</u></a>
<a href="#"><u>38</u></a>	EHS		9514 Montrose Rd Niagara Falls ON L0S1K0	S/82.7	-15.50	<a href="#"><u>186</u></a>
<a href="#"><u>38</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>187</u></a>
<a href="#"><u>38</u></a>	GEN	ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	S/82.7	-15.50	<a href="#"><u>187</u></a>

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<a href="#">39</a>	SCT	MASTERWOOD DOOR LTD	8020 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	N/128.9	3.54	<a href="#">187</a>
<a href="#">39</a>	SCT	MASTERWOOD DOOR LTD.	8020 Oakwood Dr RR 2 Niagara Falls ON L2E 6S5	N/128.9	3.54	<a href="#">188</a>
<a href="#">40</a>	WWIS		lot 198 ON <b>Well ID:</b> 6601392	NNW/26.9	1.05	<a href="#">188</a>
<a href="#">41</a>	ECA	The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	NW/210.0	0.00	<a href="#">190</a>
<a href="#">41</a>	EBR	City of Niagara Falls	8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS ON	NW/210.0	0.00	<a href="#">190</a>
<a href="#">41</a>	INC		8208 HEARTLAND FOREST ROAD, NIAGARA FALLS ON	NW/210.0	0.00	<a href="#">191</a>
<a href="#">41</a>	ECA	The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	NW/210.0	0.00	<a href="#">191</a>
<a href="#">41</a>	SPL	The Corporation of the City of Niagara Falls	8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	NW/210.0	0.00	<a href="#">192</a>
<a href="#">41</a>	GEN	City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	NW/210.0	0.00	<a href="#">192</a>
<a href="#">41</a>	GEN	City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	NW/210.0	0.00	<a href="#">192</a>
<a href="#">41</a>	GEN	City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	NW/210.0	0.00	<a href="#">193</a>
<a href="#">41</a>	GEN	City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	NW/210.0	0.00	<a href="#">193</a>
<a href="#">42</a>	WWIS		KALAU RD + BROWN RD Niagara Falls ON	NW/188.0	0.00	<a href="#">194</a>

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			<b>Well ID:</b> 7191623			
<a href="#">43</a>	SPL		7656 Hackberry Trail Niagara Falls ON	NNW/51.0	1.00	<a href="#">196</a>
<a href="#">43</a>	PINC	PIPELINE HIT - 2"	7656 HACKBERRY TRAIL,,NIAGARA FALLS,ON,L2H 2Y6,CA ON	NNW/51.0	1.00	<a href="#">197</a>
<a href="#">44</a>	WWIS		lot 197 ON <b>Well ID:</b> 6601391	N/102.4	4.01	<a href="#">197</a>
<a href="#">45</a>	WWIS		lot 10 ON <b>Well ID:</b> 6602673	S/35.2	-2.54	<a href="#">201</a>
<a href="#">46</a>	GEN	Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	S/285.9	0.00	<a href="#">204</a>
<a href="#">46</a>	GEN	1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	S/285.9	0.00	<a href="#">204</a>
<a href="#">47</a>	EHS		9515 Montrose Rd Niagara Falls ON	SSW/140.3	0.00	<a href="#">205</a>
<a href="#">47</a>	EHS		9515 Montrose Rd Niagara Falls ON	SSW/140.3	0.00	<a href="#">205</a>
<a href="#">48</a>	PINC		7888 OAKWOOD DR, NIAGARA FALLS ON	N/244.3	5.00	<a href="#">205</a>
<a href="#">48</a>	SPL	Enbridge Gas Distribution Inc.	7888 oakwood dr Niagara Falls ON	N/244.3	5.00	<a href="#">206</a>
<a href="#">48</a>	GEN	Sunbelt Rentals	7888 Oakwood Drive Niagara Falls ON L2E 6S5	N/244.3	5.00	<a href="#">206</a>
<a href="#">48</a>	EHS		7888 Oakwood Dr Niagara Falls ON L2G0J6	N/244.3	5.00	<a href="#">207</a>
<a href="#">48</a>	GEN	Sunbelt Rentals	7888 Oakwood Drive Niagara Falls ON L2E 6S5	N/244.3	5.00	<a href="#">207</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">49</a>	SPL	Enbridge Gas Distribution Inc.	7846 Hackberry Trail Niagara Falls ON	NW/68.9	0.87	<a href="#">207</a>
<a href="#">49</a>	PINC	PIPELINE HIT 1/2"	7846 HACKBERRY TRAIL,,NIAGARA FALLS,ON,L2H 2Y6,CA ON	NW/68.9	0.87	<a href="#">208</a>
<a href="#">50</a>	CA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	NW/69.9	0.00	<a href="#">208</a>
<a href="#">50</a>	CA	The Corporation of the City of Niagara Falls	8108 Kalar Niagara Falls ON	NW/69.9	0.00	<a href="#">208</a>
<a href="#">50</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	NW/69.9	0.00	<a href="#">209</a>
<a href="#">50</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	NW/69.9	0.00	<a href="#">209</a>
<a href="#">50</a>	ECA	The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	NW/69.9	0.00	<a href="#">209</a>
<a href="#">51</a>	WWIS		lot 197 ON  <b>Well ID:</b> 6601388	N/68.3	5.00	<a href="#">210</a>
<a href="#">52</a>	CA	DAY-TIMERS OF CANADA LTD.	9515 MONTROSE ROAD NIAGARA FALLS CITY ON	SSW/173.9	2.23	<a href="#">212</a>
<a href="#">52</a>	SCT	DAY-TIMERS OF CANADA LTD	NIAGARA FALLS ON L2E 6X6	SSW/173.9	2.23	<a href="#">213</a>
<a href="#">52</a>	SCT	SANDT PRINTING COMPANY LTD	9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6	SSW/173.9	2.23	<a href="#">213</a>

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<a href="#">52</a>	SCT	DAY-TIMERS OF CANADA LTD.	9515 Montrose Rd Niagara Falls ON L2E 6X6	SSW/173.9	2.23	<a href="#">213</a>
<a href="#">52</a>	GEN	JOY DISPLAYS	9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2	SSW/173.9	2.23	<a href="#">213</a>
<a href="#">52</a>	GEN	JOY DISPLAYS 22-250	9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2	SSW/173.9	2.23	<a href="#">214</a>
<a href="#">52</a>	CA	Aditya Birla Minacs Worldwide Inc.	9515 Montrose Rd Niagara Falls ON	SSW/173.9	2.23	<a href="#">214</a>
<a href="#">52</a>	ECA	Aditya Birla Minacs Worldwide Inc.	9515 Montrose Rd Niagara Falls ON	SSW/173.9	2.23	<a href="#">214</a>
<a href="#">52</a>	GEN	ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	SSW/173.9	2.23	<a href="#">215</a>
<a href="#">52</a>	GEN	BAZAAR & NOVELTY LTD	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	SSW/173.9	2.23	<a href="#">215</a>
<a href="#">52</a>	GEN	ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	SSW/173.9	2.23	<a href="#">215</a>
<a href="#">52</a>	EHS		9515 Montrose Rd Niagara Falls ON L0S1K0	SSW/173.9	2.23	<a href="#">216</a>
<a href="#">52</a>	GEN	ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	SSW/173.9	2.23	<a href="#">216</a>
<a href="#">53</a>	CA	JOE'S CONCRETE WORKS LIMITED	7868 OAKWOOD DR., PT.LOT 2 NIAGARA FALLS CITY ON L2E 6S5	N/229.7	4.24	<a href="#">217</a>
<a href="#">53</a>	GEN	ENSBRO PAINTING CONTRACTORS LTD. 14-818	7868 OAKWOOD DRIVE PO BOX 2204 NIAGARA FALLS ON L2E 6S5	N/229.7	4.24	<a href="#">217</a>
<a href="#">53</a>	GEN	Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	N/229.7	4.24	<a href="#">217</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">53</a>	GEN	Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	N/229.7	4.24	<a href="#">217</a>
<a href="#">53</a>	GEN	Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	N/229.7	4.24	<a href="#">218</a>
<a href="#">53</a>	EHS		7868 Oakwood Dr Niagara Falls On Niagara Falls ON L2E6S5	N/229.7	4.24	<a href="#">218</a>
<a href="#">53</a>	PES	2349612 ONTARIO INC. O/A THE GROUNDS GUYS - NIAGARA FALLS	7868 OAKWOOD DR SUITE A NIAGARA FALLS ON L2E6S5	N/229.7	4.24	<a href="#">218</a>
<a href="#">53</a>	PES	2349612 ONTARIO INC. O/A THE GROUNDS GUYS - NIAGARA FALLS	7868 OAKWOOD DR SUITE A NIAGARA FALLS ON L2G0J6	N/229.7	4.24	<a href="#">219</a>
<a href="#">53</a>	EASR	CONSTANIN SARUC	7868 OAKWOOD DR Niagara Falls ON L2G 0J6	N/229.7	4.24	<a href="#">219</a>
<a href="#">54</a>	WWIS		lot 197 ON <b>Well ID:</b> 6601390	N/110.0	5.00	<a href="#">219</a>
<a href="#">55</a>	WWIS		lot 197 ON <b>Well ID:</b> 6601389	N/186.2	4.15	<a href="#">223</a>
<a href="#">56</a>	ECA	1340258 Ontario Inc.	Niagara Falls ON L2E 6S5	NW/214.2	1.00	<a href="#">226</a>
<a href="#">57</a>	EHS		7818 Oakwood Dr Niagara Falls On Niagara Falls ON L2E6S5	N/157.6	4.00	<a href="#">226</a>
<a href="#">58</a>	BORE		ON	N/74.6	5.00	<a href="#">226</a>
<a href="#">59</a>	BORE		ON	N/92.9	5.00	<a href="#">227</a>
<a href="#">60</a>	BORE		ON	NNE/96.2	2.02	<a href="#">228</a>



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<a href="#">61</a>	BORE		ON	N/8.7	3.00	<a href="#">230</a>
<a href="#">62</a>	BORE		ON	N/43.9	4.76	<a href="#">231</a>
<a href="#">63</a>	EHS		7269 and 6533 reixinger road niagara falls ON L2E 6S6	SE/292.0	-1.43	<a href="#">233</a>
<a href="#">64</a>	BORE		ON	N/16.1	3.86	<a href="#">233</a>
<a href="#">65</a>	BORE		ON	NNE/88.2	0.95	<a href="#">234</a>
<a href="#">66</a>	BORE		ON	NNE/106.2	0.88	<a href="#">236</a>
<a href="#">67</a>	BORE		ON	NNE/94.8	1.07	<a href="#">237</a>
<a href="#">68</a>	BORE		ON	NNE/107.0	0.00	<a href="#">239</a>
<a href="#">69</a>	BORE		ON	N/65.4	5.00	<a href="#">241</a>
<a href="#">70</a>	BORE		ON	NNE/128.9	-0.35	<a href="#">242</a>
<a href="#">71</a>	BORE		ON	N/55.4	5.00	<a href="#">243</a>
<a href="#">72</a>	BORE		ON	N/1.3	4.00	<a href="#">245</a>
<a href="#">73</a>	BORE		ON	NNE/154.4	-0.66	<a href="#">246</a>

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<a href="#">74</a>	BORE		ON	NNE/147.4	-1.00	<a href="#">247</a>
<a href="#">75</a>	BORE		ON	N/39.3	5.00	<a href="#">248</a>
<a href="#">76</a>	BORE		ON	N/30.6	4.21	<a href="#">250</a>
<a href="#">77</a>	ANDR	QEW junkyard II	Niagara Falls ON L2G	SSE/65.5	0.93	<a href="#">251</a>
<a href="#">78</a>	CA	NIAGARA FALLS CITY-PT. LOTS 209 & 210	KALAR RD./BROWN RD./CHIPPAWA NIAGARA FALLS CITY ON	WNW/261.9	1.00	<a href="#">252</a>
<a href="#">79</a>	BORE		ON	N/5.4	5.00	<a href="#">252</a>
<a href="#">80</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	SSE/76.9	5.09	<a href="#">253</a>
<a href="#">80</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	SSE/76.9	5.09	<a href="#">254</a>
<a href="#">80</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	SSE/76.9	5.09	<a href="#">254</a>
<a href="#">80</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	SSE/76.9	5.09	<a href="#">254</a>
<a href="#">80</a>	GEN	Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	SSE/76.9	5.09	<a href="#">254</a>
<a href="#">80</a>	GEN	Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	SSE/76.9	5.09	<a href="#">255</a>
<a href="#">81</a>	SPL	ROMAN CHEESE	7770 CANADIAN DR. NIAGARA FALLS CITY ON L2E 6S5	NNW/122.3	3.94	<a href="#">255</a>

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<a href="#">81</a>	SCT	Roman Cheese Products Limited	7770 Canadian Dr RR 2 Niagara Falls ON L2E 6S5	NNW/122.3	3.94	<a href="#">255</a>
<a href="#">81</a>	SCT	ROMAN CHEESE PRODUCTS LIMITED	7770 CANADIAN DR NIAGARA FALLS ON L2E 6S5	NNW/122.3	3.94	<a href="#">256</a>
<a href="#">81</a>	SCT	Roman Cheese Products Limited - Frozen Food Division	7770 Canadian Dr RR 2 Niagara Falls ON L2E 6S5	NNW/122.3	3.94	<a href="#">256</a>
<a href="#">81</a>	SCT	Roman Cheese Products Limited	7770 Canadian Dr Niagara Falls ON L2E 6S5	NNW/122.3	3.94	<a href="#">256</a>
<a href="#">82</a>	CA		7606 Oakwood Drive Niagara Falls ON L2E 6S5	NNE/6.9	0.94	<a href="#">256</a>
<a href="#">82</a>	CA	Niagara Falls Southside High Lift Sewage Pumping Station	7606 Oakwood Drive Niagara Falls ON L2E 6S5	NNE/6.9	0.94	<a href="#">257</a>
<a href="#">82</a>	GEN	REGIONAL MUNICIPALITY OF NIAGARA	7606 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	NNE/6.9	0.94	<a href="#">257</a>
<a href="#">82</a>	SPL	Regional Municipality of Niagara	7606 Oakwood Drive Niagara Falls ON L2E 6S5	NNE/6.9	0.94	<a href="#">257</a>
<a href="#">82</a>	SPL	The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON L2E 6S5	NNE/6.9	0.94	<a href="#">258</a>
<a href="#">82</a>	CFOT	REGIONAL MUNICIPALITY OF NIAGARA - PUBLIC WORKS - WATER & WASTEWATER SERVICE	MAINTENANCE 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA ON	NNE/6.9	0.94	<a href="#">258</a>
<a href="#">82</a>	SPL	The Regional Municipality of Niagara	7606 Oakwood Drive; 3450 Stanley Ave Niagara Falls; Niagara Falls ON L2E 6V8	NNE/6.9	0.94	<a href="#">259</a>
<a href="#">82</a>	SPL	The Regional Municipality of Niagara	7606 Oakwood Dr South Side High Lift Sewage Pumping Station; 3450 Stanley Ave Niagara Falls; Niagara Falls ON	NNE/6.9	0.94	<a href="#">259</a>

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<a href="#">82</a>	FST	REGIONAL MUNICIPALITY OF NIAGARA - PUBLIC WORKS - WATER & WASTEWATER SERVICE	MAINTENANCE 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA ON	NNE/6.9	0.94	<a href="#">260</a>
<a href="#">83</a>	ECA	The Regional Municipality of Niagara	7606 Oakwood Dr South Side High Lift Sewage Pumping Station Niagara Falls ON L2V 4T7	NNE/6.9	0.94	<a href="#">260</a>
<a href="#">83</a>	ECA	The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON L2V 4T7	NNE/6.9	0.94	<a href="#">261</a>
<a href="#">83</a>	ECA	The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON	NNE/6.9	0.94	<a href="#">261</a>
<a href="#">83</a>	ECA	The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON	NNE/6.9	0.94	<a href="#">261</a>
<a href="#">83</a>	GEN	The Regional Municipality of Niagara	7606 Oakwood Drive Niagara Falls ON L2E 6S5	NNE/6.9	0.94	<a href="#">261</a>
<a href="#">84</a>	BORE		ON	N/34.1	5.00	<a href="#">262</a>
<a href="#">85</a>	BORE		ON	NNE/145.9	2.61	<a href="#">262</a>
<a href="#">86</a>	BORE		ON	NNE/37.2	1.02	<a href="#">264</a>
<a href="#">87</a>	ECA	The Corporation of the City of Niagara Falls	Canadian Dr, Montrose Rd, et al. Niagara Falls ON	N/45.3	5.00	<a href="#">265</a>
<a href="#">88</a>	BORE		ON	NNE/277.0	6.81	<a href="#">265</a>
<a href="#">89</a>	SPL		QEW between McLeod Rd and Lions Creek Pkwy Toronto bound QEW NIAGARA FALLS<UNOFFICIAL> Niagara Falls ON	SSE/40.2	0.00	<a href="#">266</a>

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<a href="#">90</a>	EHS		7089 Reixinger Rd Niagara Falls ON L2E 6S6	SSE/36.4	4.31	<a href="#">267</a>
<a href="#">91</a>	WWIS		lot 9 ON <b>Well ID:</b> 6602252	SSE/26.6	3.89	<a href="#">267</a>
<a href="#">92</a>	WWIS		7555 MONTROSE RD. NIAGARA FALLS ON <b>Well ID:</b> 7323787	NNW/279.5	3.00	<a href="#">270</a>
<a href="#">93</a>	BORE		ON	N/139.1	5.00	<a href="#">273</a>
<a href="#">94</a>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SSE/90.4	-5.73	<a href="#">274</a>
<a href="#">94</a>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	SSE/90.4	-5.73	<a href="#">274</a>
<a href="#">94</a>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SSE/90.4	-5.73	<a href="#">274</a>
<a href="#">94</a>	GEN	Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	SSE/90.4	-5.73	<a href="#">275</a>
<a href="#">95</a>	WWIS		lot 16 con 7 ON <b>Well ID:</b> 6602286	SSE/64.1	-8.13	<a href="#">275</a>
<a href="#">96</a>	WWIS		lot 1 ON <b>Well ID:</b> 6600612	SSW/235.6	1.00	<a href="#">278</a>
<a href="#">97</a>	WWIS		lot 1 ON <b>Well ID:</b> 6600613	SSW/245.3	1.00	<a href="#">282</a>
<a href="#">98</a>	WWIS		MONTROSE RD & KYONS CREEK RD NIAGARA FALLS ON <b>Well ID:</b> 7200894	S/265.3	1.00	<a href="#">285</a>
<a href="#">99</a>	PES	K MART CANADA LIMITED #5495	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">287</a>

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<a href="#">99</a>	PES	MR. GROCER/597060 ONTARIO INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">287</a>
<a href="#">99</a>	GEN	BLACK PHOTO CORPORATION	7555 MONTROSE ROAD NIAGARA SQUARE NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">288</a>
<a href="#">99</a>	GEN	Ivanhoe Cambridge Inc	7555 Montrose Road Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">288</a>
<a href="#">99</a>	PES	SHOPPERS DRUG MART #0785 (NIAGARA SQUARE)	7555 MONTROSE RD NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">288</a>
<a href="#">99</a>	EHS		7555 Montrose Road Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">288</a>
<a href="#">99</a>	EHS		7555 Montrose Road Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">289</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">289</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">289</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">289</a>
<a href="#">99</a>	GEN	RIO CAN MANAGEMENT INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">290</a>
<a href="#">99</a>	GEN	NIAGARA SQUARE RIOCAN	7555 MONTROSE ROAD NIAGARA FALLS ON	N/275.6	5.00	<a href="#">290</a>
<a href="#">99</a>	GEN	Big Lots Canada Inc.	7555 Montrose Road Niagara Falls ON	N/275.6	5.00	<a href="#">290</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	N/275.6	5.00	<a href="#">291</a>

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<a href="#">99</a>	GEN	Big Lots Canada Inc.	7555 Montrose Road Niagara Falls ON	N/275.6	5.00	<a href="#">291</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON	N/275.6	5.00	<a href="#">291</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON	N/275.6	5.00	<a href="#">291</a>
<a href="#">99</a>	EHS		7555 Montrose Rd Niagara Falls ON L2H2E9	N/275.6	5.00	<a href="#">292</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">292</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">293</a>
<a href="#">99</a>	GEN	FGL SPORTS LIMITED	7555 Montrose Road NIAGARA FALLS ON L2S3M1	N/275.6	5.00	<a href="#">293</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2S3M1	N/275.6	5.00	<a href="#">294</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">294</a>
<a href="#">99</a>	GEN	THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2S3M1	N/275.6	5.00	<a href="#">295</a>
<a href="#">99</a>	GEN	FGL SPORTS LIMITED	7555 Montrose Road NIAGARA FALLS ON L2S3M1	N/275.6	5.00	<a href="#">295</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">295</a>
<a href="#">99</a>	PES	SHOPPERS DRUG MART #0785 (NIAGARA SQUARE)	7555 MONTROSE RD NIAGARA FALLS ON L2H2E9	N/275.6	5.00	<a href="#">296</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">99</a>	PES	K MART CANADA LIMITED #5495	7555 MONTROSE ROAD NIAGARA FALLS ON L2H2E9	N/275.6	5.00	<a href="#">296</a>
<a href="#">99</a>	PES	MR. GROCER/597060 ONTARIO INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H2E9	N/275.6	5.00	<a href="#">297</a>
<a href="#">99</a>	GEN	Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	N/275.6	5.00	<a href="#">297</a>
<a href="#">99</a>	ECA	Costco Wholesale Canada Ltd.	7555 Montrose Rd Niagara Falls ON 20166	N/275.6	5.00	<a href="#">298</a>
<a href="#">100</a>	WWIS		ON <i>Well ID: 7265625</i>	S/280.7	1.00	<a href="#">298</a>
<a href="#">101</a>	PES	WAL-MART CANADA CORP #3160	7481 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	N/288.9	1.39	<a href="#">299</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">299</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">299</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON	N/288.9	1.39	<a href="#">300</a>
<a href="#">101</a>	EHS		7481 Oakwood Drive Niagara Falls ON	N/288.9	1.39	<a href="#">300</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON	N/288.9	1.39	<a href="#">300</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON	N/288.9	1.39	<a href="#">300</a>
<a href="#">101</a>	EASR	WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA	7481 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	N/288.9	1.39	<a href="#">301</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">301</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">302</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">302</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">302</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">303</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">303</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">304</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">304</a>
<a href="#">101</a>	PES	WAL-MART CANADA CORP #3160	7481 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	N/288.9	1.39	<a href="#">305</a>
<a href="#">101</a>	GEN	Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">305</a>
<a href="#">101</a>	GEN	The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	N/288.9	1.39	<a href="#">306</a>
<a href="#">101</a>	GEN	PETM Canada Corporation	7481 Oakwood Dr Niagara Falls ON L2E6S5	N/288.9	1.39	<a href="#">306</a>
<a href="#">101</a>	SPL	Walmart<UNOFFICIAL>	7481 Oakwood Drive Niagara Falls ON	N/288.9	1.39	<a href="#">307</a>

# Executive Summary: Summary By Data Source

## **ANDR - Anderson's Waste Disposal Sites**

A search of the ANDR database, dated 1860s-Present has found that there are 1 ANDR site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
QEW junkyard II	Niagara Falls ON L2G	65.5	<a href="#"><u>77</u></a>

## **BORE - Borehole**

A search of the BORE database, dated 1875-Jul 2018 has found that there are 28 BORE site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	29.9	<a href="#"><u>19</u></a>
	ON	28.5	<a href="#"><u>20</u></a>
	ON	10.1	<a href="#"><u>21</u></a>
	ON	3.8	<a href="#"><u>22</u></a>
	ON	74.6	<a href="#"><u>58</u></a>
	ON	92.9	<a href="#"><u>59</u></a>
	ON	96.2	<a href="#"><u>60</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	8.7	<a href="#"><u>61</u></a>
	ON	43.9	<a href="#"><u>62</u></a>
	ON	16.1	<a href="#"><u>64</u></a>
	ON	88.2	<a href="#"><u>65</u></a>
	ON	106.2	<a href="#"><u>66</u></a>
	ON	94.8	<a href="#"><u>67</u></a>
	ON	107.0	<a href="#"><u>68</u></a>
	ON	65.4	<a href="#"><u>69</u></a>
	ON	128.9	<a href="#"><u>70</u></a>
	ON	55.4	<a href="#"><u>71</u></a>
	ON	1.3	<a href="#"><u>72</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	154.4	<a href="#"><u>73</u></a>
	ON	147.4	<a href="#"><u>74</u></a>
	ON	39.3	<a href="#"><u>75</u></a>
	ON	30.6	<a href="#"><u>76</u></a>
	ON	5.4	<a href="#"><u>79</u></a>
	ON	34.1	<a href="#"><u>84</u></a>
	ON	145.9	<a href="#"><u>85</u></a>
	ON	37.2	<a href="#"><u>86</u></a>
	ON	277.0	<a href="#"><u>88</u></a>
	ON	139.1	<a href="#"><u>93</u></a>

### **CA - Certificates of Approval**

A search of the CA database, dated 1985-Oct 30, 2011\* has found that there are 27 CA site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	1.3	<a href="#"><u>4</u></a>
QEW, Chippawa Creek Road, Montrose Road	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	1.3	<a href="#"><u>4</u></a>
	8620 Oakwood Drive Niagara Falls ON	141.5	<a href="#"><u>8</u></a>
	8620 Oakwood Drive Niagara Falls ON	141.5	<a href="#"><u>8</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2E 6S5	116.2	<a href="#"><u>10</u></a>
T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	147.8	<a href="#"><u>12</u></a>
	8230 Oakwood Drive Niagara Falls ON L2E 6S5	161.5	<a href="#"><u>26</u></a>
FORD MOTOR CO. OF CANADA	9127 MONTROSE RD. NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>
FORD MOTOR COMPANY OF CANADA (NIAGARA GL	9127 MONTROSE ROAD NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	9127 Montrose Avenue Niagara Falls ON	290.0	<a href="#"><u>28</u></a>
E.S. Fox Construction	9127 Montrose Rd. Niagara Falls ON	290.0	<a href="#"><u>28</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON	290.0	<a href="#"><u>28</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON	26.0	<a href="#"><u>32</u></a>
NIAGARA FALLS CITY - LOT 210, BF CONC.	MONTROSE RD./BROWN RD. NIAGARA FALLS CITY ON	0.5	<a href="#"><u>36</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Niagara Falls ON	69.9	<a href="#"><u>50</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	69.9	<a href="#"><u>50</u></a>
DAY-TIMERS OF CANADA LTD.	9515 MONTROSE ROAD NIAGARA FALLS CITY ON	173.9	<a href="#"><u>52</u></a>
Aditya Birla Minacs Worldwide Inc.	9515 Montrose Rd Niagara Falls ON	173.9	<a href="#"><u>52</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
JOE'S CONCRETE WORKS LIMITED	7868 OAKWOOD DR., PT.LOT 2 NIAGARA FALLS CITY ON L2E 6S5	229.7	<a href="#">53</a>
NIAGARA FALLS CITY-PT. LOTS 209 & 210	KALAR RD./BROWN RD./CHIPPAWA NIAGARA FALLS CITY ON	261.9	<a href="#">78</a>
	7606 Oakwood Drive Niagara Falls ON L2E 6S5	6.9	<a href="#">82</a>
Niagara Falls Southside High Lift Sewage Pumping Station	7606 Oakwood Drive Niagara Falls ON L2E 6S5	6.9	<a href="#">82</a>

### **CFOT - Commercial Fuel Oil Tanks**

A search of the CFOT database, dated Jul 31, 2020 has found that there are 1 CFOT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
REGIONAL MUNICIPALITY OF NIAGARA - PUBLIC WORKS - WATER & WASTEWATER SERVICE	MAINTENANCE 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA ON	6.9	<a href="#">82</a>

### **DTNK - Delisted Fuel Tanks**

A search of the DTNK database, dated Jul 31, 2020 has found that there are 2 DTNK site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	161.5	<a href="#">26</a>
VOLSCI CONSTRUCTION CO LTD	8230 OAKWOOD DR NIAGARA FALLS ON	161.5	<a href="#">26</a>

### **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011-Oct 31, 2020 has found that there are 2 EASR site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
CONSTANIN SARUC	7868 OAKWOOD DR Niagara Falls ON L2G 0J6	229.7	<a href="#"><u>53</u></a>
WAL-MART CANADA CORP/LA COMPAGNIE WAL-MART DU CANADA	7481 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	288.9	<a href="#"><u>101</u></a>

### **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Sep 30, 2020 has found that there are 7 EBR site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	141.5	<a href="#"><u>8</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	141.5	<a href="#"><u>8</u></a>
The Chair Expert Mobile Unit	8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	161.5	<a href="#"><u>26</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls ON	290.0	<a href="#"><u>28</u></a>
E.S. Fox Limited	9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	290.0	<a href="#"><u>28</u></a>
E.S. Fox Limited	9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	290.0	<a href="#"><u>28</u></a>
City of Niagara Falls	8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS ON	210.0	<a href="#"><u>41</u></a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Oct 31, 2020 has found that there are 31 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	1.3	<a href="#"><u>4</u></a>
The Corporation of the City of Niagara Falls	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	1.3	<a href="#"><u>4</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
Modern Mosaic Limited	8620 Oakwood Drive Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	116.2	<a href="#"><u>10</u></a>
The Regional Municipality of Niagara	8555 Oakwood Dr Niagara Falls ON L2V 4T7	116.2	<a href="#"><u>10</u></a>
T. T. & H. Montgomery Construction (Niagara) Limited	8550 Oakwood Dr Niagara Falls ON L2E 6S5	147.8	<a href="#"><u>12</u></a>
Eugene T. Willick	8230 Oakwood Drive Niagara Falls ON L2E 6S5	161.5	<a href="#"><u>26</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	290.0	<a href="#"><u>28</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	290.0	<a href="#"><u>28</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Avenue Niagara Falls ON L2E 5S6	290.0	<a href="#"><u>28</u></a>
E.S. Fox Enterprises Inc.	9127 Montrose Rd. Niagara Falls ON L2E 5S6	290.0	<a href="#"><u>28</u></a>
E.S. Fox Limited	9127 Montrose Rd Niagara Falls ON L2E 7J9	290.0	<a href="#"><u>28</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	9240 Montrose Rd Niagara Falls ON L2E 6X5	26.0	<a href="#"><u>32</u></a>
The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	210.0	<a href="#"><u>41</u></a>
The Corporation of the City of Niagara Falls	8208 Kalar Rd Niagara Falls ON L2E 6X5	210.0	<a href="#"><u>41</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	69.9	<a href="#"><u>50</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	69.9	<a href="#"><u>50</u></a>
The Corporation of the City of Niagara Falls	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5	69.9	<a href="#"><u>50</u></a>
Aditya Birla Minacs Worldwide Inc.	9515 Montrose Rd Niagara Falls ON	173.9	<a href="#"><u>52</u></a>
1340258 Ontario Inc.	Niagara Falls ON L2E 6S5	214.2	<a href="#"><u>56</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON	6.9	<a href="#"><u>83</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON	6.9	<a href="#"><u>83</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr South Side High Lift Sewage Pumping Station Niagara Falls ON L2V 4T7	6.9	<a href="#"><u>83</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON L2V 4T7	6.9	<a href="#"><u>83</u></a>
The Corporation of the City of Niagara Falls	Canadian Dr, Montrose Rd, et al. Niagara Falls ON	45.3	<a href="#"><u>87</u></a>
Costco Wholesale Canada Ltd.	7555 Montrose Rd Niagara Falls ON 20166	275.6	<a href="#"><u>99</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Jul 31, 2020 has found that there are 25 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Niagara Falls ON Niagara Falls ON	83.7	<a href="#"><u>5</u></a>
	Oakwood Dr Niagara Falls ON	270.1	<a href="#"><u>7</u></a>
	8620 Oakwood Dr Niagara Falls ON L2E6S5	141.5	<a href="#"><u>8</u></a>
	8675 Montrose Rd Niagara Falls ON L2H0Z9	51.9	<a href="#"><u>13</u></a>
	210 Montrose Road Niagara Falls ON	158.5	<a href="#"><u>16</u></a>
	8230 Oakwood Dr Niagara Falls ON L2E6S5	161.5	<a href="#"><u>26</u></a>
	8230 Oakwood Drive Niagara Falls ON	161.5	<a href="#"><u>26</u></a>
	Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	243.7	<a href="#"><u>29</u></a>
	Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	243.7	<a href="#"><u>29</u></a>
	Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	243.7	<a href="#"><u>29</u></a>
	8108 Oakwood Drive Niagara Falls ON L2E 6S5	156.5	<a href="#"><u>33</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	9514 Montrose Road Niagara Falls ON	82.7	<a href="#"><u>38</u></a>
	9514 Montrose Rd Niagara Falls ON L0S1K0	82.7	<a href="#"><u>38</u></a>
	9515 Montrose Rd Niagara Falls ON	140.3	<a href="#"><u>47</u></a>
	9515 Montrose Rd Niagara Falls ON	140.3	<a href="#"><u>47</u></a>
	7888 Oakwood Dr Niagara Falls ON L2G0J6	244.3	<a href="#"><u>48</u></a>
	9515 Montrose Rd Niagara Falls ON L0S1K0	173.9	<a href="#"><u>52</u></a>
	7868 Oakwood Dr Niagara Falls On Niagara Falls ON L2E6S5	229.7	<a href="#"><u>53</u></a>
	7818 Oakwood Dr Niagara Falls On Niagara Falls ON L2E6S5	157.6	<a href="#"><u>57</u></a>
	7269 and 6533 reixinger road niagara falls ON L2E 6S6	292.0	<a href="#"><u>63</u></a>
	7089 Reixinger Rd Niagara Falls ON L2E 6S6	36.4	<a href="#"><u>90</u></a>
	7555 Montrose Road Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
	7555 Montrose Road Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	7555 Montrose Rd Niagara Falls ON L2H2E9	275.6	<a href="#">99</a>
	7481 Oakwood Drive Niagara Falls ON	288.9	<a href="#">101</a>

### **FST - Fuel Storage Tank**

A search of the FST database, dated Jul 31, 2020 has found that there are 3 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E.S. FOX LTD **	9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	290.0	<a href="#">28</a>
E.S. FOX LTD **	9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	290.0	<a href="#">28</a>
REGIONAL MUNICIPALITY OF NIAGARA - PUBLIC WORKS - WATER & WASTEWATER SERVICE	MAINTENANCE 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA ON	6.9	<a href="#">82</a>

### **FSTH - Fuel Storage Tank - Historic**

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 2 FSTH site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	290.0	<a href="#">28</a>
E S FOX LTD	9127 MONTROSE RD NIAGARA FALLS ON	290.0	<a href="#">28</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 149 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
T.T.&H MONTGOMERY CONSTRUCTION	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#">12</a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#"><u>12</u></a>
T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD.	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	147.8	<a href="#"><u>12</u></a>
Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	75.2	<a href="#"><u>18</u></a>
Alo North America Inc.	8485 Montrose Rd. Niagara Falls ON L2H 3L7	75.2	<a href="#"><u>18</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON	75.2	<a href="#"><u>18</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON	75.2	<a href="#"><u>18</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	75.2	<a href="#"><u>18</u></a>
Alo North America, Inc	8485 Montrose Road Niagara Falls ON L2H 3L7	75.2	<a href="#"><u>18</u></a>
SWS Star Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>



<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	161.5	<a href="#"><u>26</u></a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#"><u>26</u></a>
VOLSCI CONSTRUCTION CO.	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#"><u>26</u></a>
VOLSCI CONSTRUCTION CO. INC. 40-295	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#"><u>26</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON	161.5	<a href="#">26</a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#">26</a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#">26</a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#">26</a>
NEXTERRA SUBSTRUCTURES INCORPORATED	8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	161.5	<a href="#">26</a>
FORD MOTOR CO. OF CANADA LTD.	NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>
FORD (OUT OF BUS) 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>
FORD MOTOR COMPANY OF CANADA LTD. 15-110	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>
FORD (OUT OF BUS) MOTOR COMPANY	NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>
E.S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#">28</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#">28</a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	290.0	<a href="#">28</a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
E. S. FOX LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
KEN WARDEN CONSTRUCTION LTD.	8066 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	124.2	<a href="#"><u>34</u></a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E 6S5	124.2	<a href="#"><u>34</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON	124.2	<a href="#">34</a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	124.2	<a href="#">34</a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	124.2	<a href="#">34</a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	124.2	<a href="#">34</a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	124.2	<a href="#">34</a>
KEN WARDEN CONSTRUCTION LTD.	8066 Oakwood Drive Niagara Falls ON L2E6S5	124.2	<a href="#">34</a>
MOTORWAYS TRANSPORT	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	82.7	<a href="#">38</a>
MOTORWAYS TRANSPORT (OUT OF BUS.)	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	82.7	<a href="#">38</a>
MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492	9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	82.7	<a href="#">38</a>
DONALD W MURRAY (MOVERS) 1981 LIMITED	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#">38</a>
CROWN TRUCKING SERVICES	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#">38</a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#">38</a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON	82.7	<a href="#"><u>38</u></a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#"><u>38</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Crown Transportation Group Limited	9514 Montrose Road Niagara Falls ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
DONALD W. MURRAY MOVERS (1981) LTD	9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
ES Fox	9514 Montrose Road Niagara Falls ON L0S 1K0	82.7	<a href="#"><u>38</u></a>
City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	210.0	<a href="#"><u>41</u></a>
City Of Niagara Falls	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	210.0	<a href="#"><u>41</u></a>
City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	210.0	<a href="#"><u>41</u></a>
City Of Niagara Falls Transit Services	8208 Heartland Forest Road Niagara Falls ON L2H 0L7	210.0	<a href="#"><u>41</u></a>
Estate Property of John Horosko	7269 Reixinger Road Niagara Falls ON L2E 6S6	285.9	<a href="#"><u>46</u></a>
1499974 Ontario Inc.	7269 Reixinger Road Niagara Falls ON L2E 6S6	285.9	<a href="#"><u>46</u></a>
Sunbelt Rentals	7888 Oakwood Drive Niagara Falls ON L2E 6S5	244.3	<a href="#"><u>48</u></a>
Sunbelt Rentals	7888 Oakwood Drive Niagara Falls ON L2E 6S5	244.3	<a href="#"><u>48</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
JOY DISPLAYS	9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2	173.9	<a href="#"><u>52</u></a>
JOY DISPLAYS 22-250	9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2	173.9	<a href="#"><u>52</u></a>
ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	173.9	<a href="#"><u>52</u></a>
BAZAAR & NOVELTY LTD	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	173.9	<a href="#"><u>52</u></a>
ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	173.9	<a href="#"><u>52</u></a>
ARROW GAMES CORPORATION	9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0	173.9	<a href="#"><u>52</u></a>
ENSBRO PAINTING CONTRACTORS LTD. 14-818	7868 OAKWOOD DRIVE PO BOX 2204 NIAGARA FALLS ON L2E 6S5	229.7	<a href="#"><u>53</u></a>
Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	229.7	<a href="#"><u>53</u></a>
Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	229.7	<a href="#"><u>53</u></a>
Krown Niagara	7868 Oakwood Drive Niagara Falls ON L2E 6S5	229.7	<a href="#"><u>53</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	76.9	<a href="#"><u>80</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON	76.9	<a href="#"><u>80</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2G0S3	76.9	<a href="#"><u>80</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	76.9	<a href="#"><u>80</u></a>
Sealer Works Inc	7171 Reixinger Road Niagara Falls ON L2E6S6	76.9	<a href="#"><u>80</u></a>
Sealer Works Inc Proline Pavement Markings	7171 Reixinger Road Niagara Falls ON L2G0S3	76.9	<a href="#"><u>80</u></a>
REGIONAL MUNICIPALITY OF NIAGARA	7606 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	6.9	<a href="#"><u>82</u></a>
The Regional Municipality of Niagara	7606 Oakwood Drive Niagara Falls ON L2E 6S5	6.9	<a href="#"><u>83</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	90.4	<a href="#"><u>94</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2G 0R9	90.4	<a href="#"><u>94</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	90.4	<a href="#"><u>94</u></a>
Nexterra Substructures Incorporated	7226 Reixinger Road Niagara Falls ON L2E 6S6	90.4	<a href="#"><u>94</u></a>
BLACK PHOTO CORPORATION	7555 MONTROSE ROAD NIAGARA SQUARE NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>



<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Ivanhoe Cambridge Inc	7555 Montrose Road Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
RIO CAN MANAGEMENT INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
NIAGARA SQUARE RIOCAN	7555 MONTROSE ROAD NIAGARA FALLS ON	275.6	<a href="#"><u>99</u></a>
Big Lots Canada Inc.	7555 Montrose Road Niagara Falls ON	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
Big Lots Canada Inc.	7555 Montrose Road Niagara Falls ON	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON	275.6	<a href="#"><u>99</u></a>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON	275.6	<a href="#"><u>99</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
FGL SPORTS LIMITED	7555 Montrose Road NIAGARA FALLS ON L2S3M1	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2S3M1	275.6	<a href="#"><u>99</u></a>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
THE FORZANI GROUP	7555 Montrose Road NIAGARA FALLS ON L2S3M1	275.6	<a href="#"><u>99</u></a>
FGL SPORTS LIMITED	7555 Montrose Road NIAGARA FALLS ON L2S3M1	275.6	<a href="#"><u>99</u></a>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
Michaels Stores, Inc.	7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#"><u>101</u></a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#"><u>101</u></a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON	288.9	<a href="#"><u>101</u></a>

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON	288.9	<a href="#">101</a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON	288.9	<a href="#">101</a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
Walmart Canada Corp.	7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
The Clinic At Walmart	7481 Oakwood Dr Niagara Falls ON L2E 6S5	288.9	<a href="#">101</a>
PETM Canada Corporation	7481 Oakwood Dr Niagara Falls ON L2E6S5	288.9	<a href="#">101</a>

### **HINC - TSSA Historic Incidents**

A search of the HINC database, dated 2006-June 2009\* has found that there are 1 HINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	1.3	<a href="#">4</a>

### **INC - Fuel Oil Spills and Leaks**

A search of the INC database, dated Jul 31, 2020 has found that there are 1 INC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	8208 HEARTLAND FOREST ROAD, NIAGARA FALLS ON	210.0	<a href="#">41</a>

### **NCPL - Non-Compliance Reports**

A search of the NCPL database, dated Dec 31, 2018 has found that there are 6 NCPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	290.0	<a href="#">28</a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	290.0	<a href="#">28</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
E.S. Fox Enterprises Inc.	9127 Montrose Road Niagara Falls ON	290.0	<a href="#">28</a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	290.0	<a href="#">28</a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	290.0	<a href="#">28</a>
E.S. Fox Enterprises Inc.	9127 Montrose Ave Niagara Falls ON	290.0	<a href="#">28</a>

### **NPCB - National PCB Inventory**

A search of the NPCB database, dated 1988-2008\* has found that there are 2 NPCB site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>
FORD MOTOR COMPANY OF CANADA	9127 MONTROSE ROAD; BOX 1019 NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>

### **OPCB - Inventory of PCB Storage Sites**

A search of the OPCB database, dated 1987-Oct 2004; 2012-Dec 2013 has found that there are 1 OPCB site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY OF CANADA, LIMITED	9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	290.0	<a href="#">28</a>

### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011-Oct 31, 2020 has found that there are 12 PES site(s) within approximately 0.30 kilometers of the project property.

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	147.8	<a href="#"><u>12</u></a>
T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED	8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	147.8	<a href="#"><u>12</u></a>
2349612 ONTARIO INC. O/A THE GROUNDS GUYS - NIAGARA FALLS	7868 OAKWOOD DR SUITE A NIAGARA FALLS ON L2E6S5	229.7	<a href="#"><u>53</u></a>
2349612 ONTARIO INC. O/A THE GROUNDS GUYS - NIAGARA FALLS	7868 OAKWOOD DR SUITE A NIAGARA FALLS ON L2G0J6	229.7	<a href="#"><u>53</u></a>
K MART CANADA LIMITED #5495	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
MR. GROCER/597060 ONTARIO INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
SHOPPERS DRUG MART #0785 (NIAGARA SQUARE)	7555 MONTROSE RD NIAGARA FALLS ON L2H 2E9	275.6	<a href="#"><u>99</u></a>
SHOPPERS DRUG MART #0785 (NIAGARA SQUARE)	7555 MONTROSE RD NIAGARA FALLS ON L2H2E9	275.6	<a href="#"><u>99</u></a>
K MART CANADA LIMITED #5495	7555 MONTROSE ROAD NIAGARA FALLS ON L2H2E9	275.6	<a href="#"><u>99</u></a>
MR. GROCER/597060 ONTARIO INC.	7555 MONTROSE ROAD NIAGARA FALLS ON L2H2E9	275.6	<a href="#"><u>99</u></a>
WAL-MART CANADA CORP #3160	7481 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	288.9	<a href="#"><u>101</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
WAL-MART CANADA CORP #3160	7481 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	288.9	<a href="#">101</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated Oct 31, 2020 has found that there are 3 PINC site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT - 2"	7656 HACKBERRY TRAIL,,NIAGARA FALLS, ON,L2H 2Y6,CA ON	51.0	<a href="#">43</a>
	7888 OAKWOOD DR, NIAGARA FALLS ON	244.3	<a href="#">48</a>
PIPELINE HIT 1/2"	7846 HACKBERRY TRAIL,,NIAGARA FALLS, ON,L2H 2Y6,CA ON	68.9	<a href="#">49</a>

### **PRT - Private and Retail Fuel Storage Tanks**

A search of the PRT database, dated 1989-1996\* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
YOGI BEARS JELLYSTONE PARK CAMP-RESORT	8676 OAKWOOD DR NIAGARA FALLS ON	229.3	<a href="#">3</a>

### **RST - Retail Fuel Storage Tanks**

A search of the RST database, dated 1999-Jun 30, 2020 has found that there are 1 RST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
YOGI BEAR'S JELLYSTONE PARK CAMP-RESORT	8676 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	229.3	<a href="#">3</a>

## **SCT - Scott's Manufacturing Directory**

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 16 SCT site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Modern Mosaic Ltd.	8620 Oakwood Dr Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
MODERN MOSAIC LTD	8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
Reid Signs	8825 Montrose Rd Niagara Falls ON L2E 6S5	15.7	<a href="#"><u>9</u></a>
Alo North America Inc.	8485 Montrose Rd Niagara Falls ON L2H 3L7	75.2	<a href="#"><u>18</u></a>
SWS Star Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
SWS Warning Systems Inc.	7695 Blackburn Pky Niagara Falls ON L2H 0A6	187.3	<a href="#"><u>23</u></a>
E.S. Fox Ltd.	9127 Montrose Rd Niagara Falls ON L2E 6S5	290.0	<a href="#"><u>28</u></a>
MASTERWOOD DOOR LTD.	8020 Oakwood Dr RR 2 Niagara Falls ON L2E 6S5	128.9	<a href="#"><u>39</u></a>
MASTERWOOD DOOR LTD	8020 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	128.9	<a href="#"><u>39</u></a>
DAY-TIMERS OF CANADA LTD	NIAGARA FALLS ON L2E 6X6	173.9	<a href="#"><u>52</u></a>
DAY-TIMERS OF CANADA LTD.	9515 Montrose Rd Niagara Falls ON L2E 6X6	173.9	<a href="#"><u>52</u></a>



<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
SANDT PRINTING COMPANY LTD	9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6	173.9	<a href="#"><u>52</u></a>
ROMAN CHEESE PRODUCTS LIMITED	7770 CANADIAN DR NIAGARA FALLS ON L2E 6S5	122.3	<a href="#"><u>81</u></a>
Roman Cheese Products Limited	7770 Canadian Dr RR 2 Niagara Falls ON L2E 6S5	122.3	<a href="#"><u>81</u></a>
Roman Cheese Products Limited	7770 Canadian Dr Niagara Falls ON L2E 6S5	122.3	<a href="#"><u>81</u></a>
Roman Cheese Products Limited - Frozen Food Division	7770 Canadian Dr RR 2 Niagara Falls ON L2E 6S5	122.3	<a href="#"><u>81</u></a>

### **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Nov 2019 has found that there are 18 SPL site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
The Regional Municipality of Niagara	8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON	35.5	<a href="#"><u>6</u></a>
Modern Mosaic Limited	8620 Oakwood Dr Niagara Falls ON L2E 6S5	141.5	<a href="#"><u>8</u></a>
FORD MOTOR CO. OF CANADA LTD.	9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>
FORD MOTOR CO. OF CANADA LTD.	WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	290.0	<a href="#"><u>28</u></a>

<b>Site</b>	<b>Address</b>	<b>Distance (m)</b>	<b>Map Key</b>
The Regional Municipality of Niagara	9240 Montrose Rd; 3450 Stanley Ave Niagara Falls; Niagara Falls ON	26.0	<a href="#"><u>32</u></a>
The Regional Municipality of Niagara	9240 Montrose Rd Niagara Falls ON	26.0	<a href="#"><u>32</u></a>
PRIVATE BUSINESS	9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	82.7	<a href="#"><u>38</u></a>
The Corporation of the City of Niagara Falls	8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	210.0	<a href="#"><u>41</u></a>
	7656 Hackberry Trail Niagara Falls ON	51.0	<a href="#"><u>43</u></a>
Enbridge Gas Distribution Inc.	7888 oakwood dr Niagara Falls ON	244.3	<a href="#"><u>48</u></a>
Enbridge Gas Distribution Inc.	7846 Hackberry Trail Niagara Falls ON	68.9	<a href="#"><u>49</u></a>
ROMAN CHEESE	7770 CANADIAN DR. NIAGARA FALLS CITY ON L2E 6S5	122.3	<a href="#"><u>81</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr Niagara Falls ON L2E 6S5	6.9	<a href="#"><u>82</u></a>
Regional Municipality of Niagara	7606 Oakwood Drive Niagara Falls ON L2E 6S5	6.9	<a href="#"><u>82</u></a>
The Regional Municipality of Niagara	7606 Oakwood Drive; 3450 Stanley Ave Niagara Falls; Niagara Falls ON L2E 6V8	6.9	<a href="#"><u>82</u></a>
The Regional Municipality of Niagara	7606 Oakwood Dr South Side High Lift Sewage Pumping Station; 3450 Stanley Ave Niagara Falls; Niagara Falls ON	6.9	<a href="#"><u>82</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	QEW between McLeod Rd and Lions Creek Pkwy Toronto bound QEW NIAGARA FALLS<UNOFFICIAL> Niagara Falls ON	40.2	<a href="#">89</a>
Walmart<UNOFFICIAL>	7481 Oakwood Drive Niagara Falls ON	288.9	<a href="#">101</a>

### **SRDS - Wastewater Discharger Registration Database**

A search of the SRDS database, dated 1990-Dec 31, 2017 has found that there are 1 SRDS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FORD MOTOR COMPANY	NIAGARA FALLS ON	290.0	<a href="#">28</a>

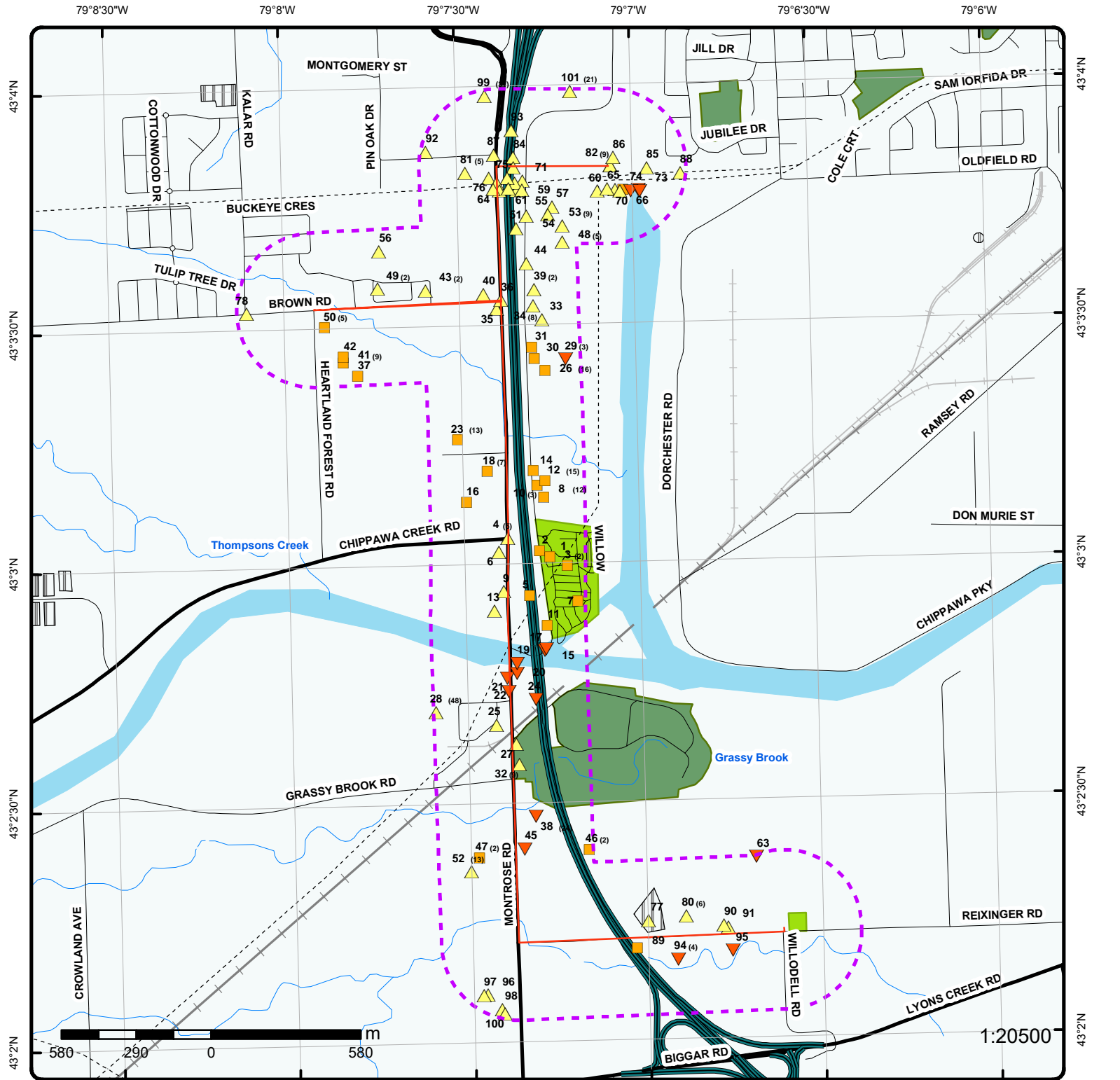
### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2020 has found that there are 27 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 211 ON  <i>Well ID:</i> 6601397	162.9	<a href="#">1</a>
	lot 211 ON  <i>Well ID:</i> 6601401	122.8	<a href="#">2</a>
	lot 211 ON  <i>Well ID:</i> 6601400	151.8	<a href="#">11</a>
	lot 211 ON  <i>Well ID:</i> 6601398	103.7	<a href="#">14</a>
	lot 211 ON	144.6	<a href="#">15</a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 6601399		
	ON	139.5	<a href="#"><u>17</u></a>
	<i>Well ID:</i> 6601403		
	lot 10 ON	98.0	<a href="#"><u>24</u></a>
	<i>Well ID:</i> 7338633		
	MONROSE RD Niagara Falls ON	57.2	<a href="#"><u>25</u></a>
	<i>Well ID:</i> 7305848		
	MONTROSE RD Niagara Falls ON	16.2	<a href="#"><u>27</u></a>
	<i>Well ID:</i> 7231244		
	lot 211 ON	121.9	<a href="#"><u>30</u></a>
	<i>Well ID:</i> 6601402		
	ON	113.6	<a href="#"><u>31</u></a>
	<i>Well ID:</i> 6601226		
	lot 210 ON	16.3	<a href="#"><u>35</u></a>
	<i>Well ID:</i> 6601396		
	KALAU RD + BROWN RD Niagara Falls ON	264.5	<a href="#"><u>37</u></a>
	<i>Well ID:</i> 7191624		
	lot 198 ON	26.9	<a href="#"><u>40</u></a>
	<i>Well ID:</i> 6601392		
	KALAU RD + BROWN RD Niagara Falls ON	188.0	<a href="#"><u>42</u></a>
	<i>Well ID:</i> 7191623		
	lot 197 ON	102.4	<a href="#"><u>44</u></a>
	<i>Well ID:</i> 6601391		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 10 ON  <i>Well ID:</i> 6602673	35.2	<a href="#"><u>45</u></a>
	lot 197 ON  <i>Well ID:</i> 6601388	68.3	<a href="#"><u>51</u></a>
	lot 197 ON  <i>Well ID:</i> 6601390	110.0	<a href="#"><u>54</u></a>
	lot 197 ON  <i>Well ID:</i> 6601389	186.2	<a href="#"><u>55</u></a>
	lot 9 ON  <i>Well ID:</i> 6602252	26.6	<a href="#"><u>91</u></a>
	7555 MONTROSE RD. NIAGARA FALLS ON  <i>Well ID:</i> 7323787	279.5	<a href="#"><u>92</u></a>
	lot 16 con 7 ON  <i>Well ID:</i> 6602286	64.1	<a href="#"><u>95</u></a>
	lot 1 ON  <i>Well ID:</i> 6600612	235.6	<a href="#"><u>96</u></a>
	lot 1 ON  <i>Well ID:</i> 6600613	245.3	<a href="#"><u>97</u></a>
	MONTROSE RD & KYONS CREEK RD NIAGARA FALLS ON  <i>Well ID:</i> 7200894	265.3	<a href="#"><u>98</u></a>
	ON  <i>Well ID:</i> 7265625	280.7	<a href="#"><u>100</u></a>



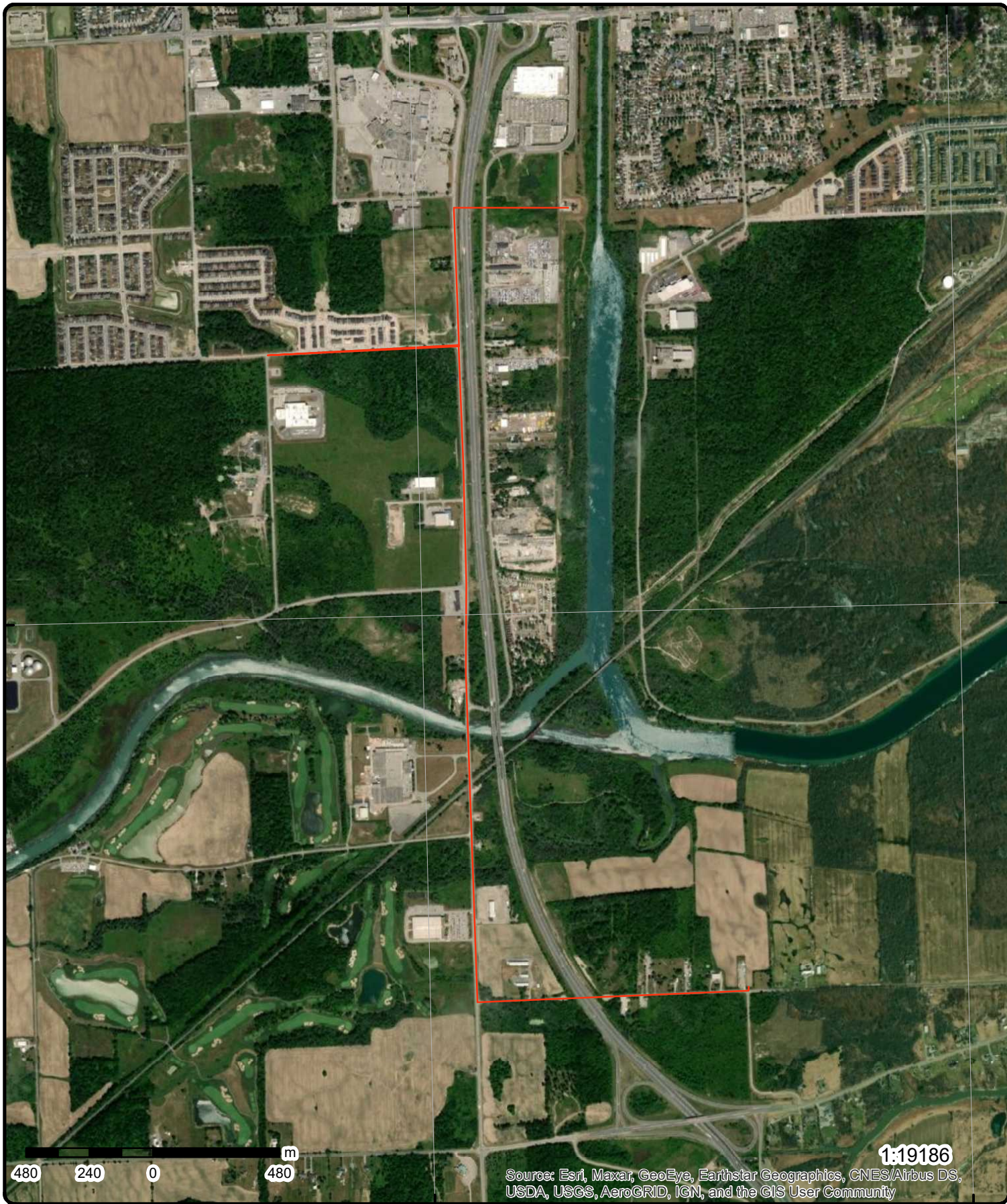
### Map : 0.3 Kilometer Radius

Order Number: 20311800192

Address: Proposed Alignment and Construction Shaft, Niagara Falls, ON



Project Property	Expressway	Industrial and Resource - Regions	National Park
Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving Range
Eris Sites with Lower Elevation	Local road	Abandoned Line	Park or Sports Field
Eris Sites with Unknown Elevation	Trail	Proposed Road	Other Recreation Area
	Ferry Route/Ice Road		



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

1:19186

**Aerial** Year: 2015

**Address: Proposed Alignment and Construction Shaft, Niagara Falls,**

Source: ESRI World Imagery

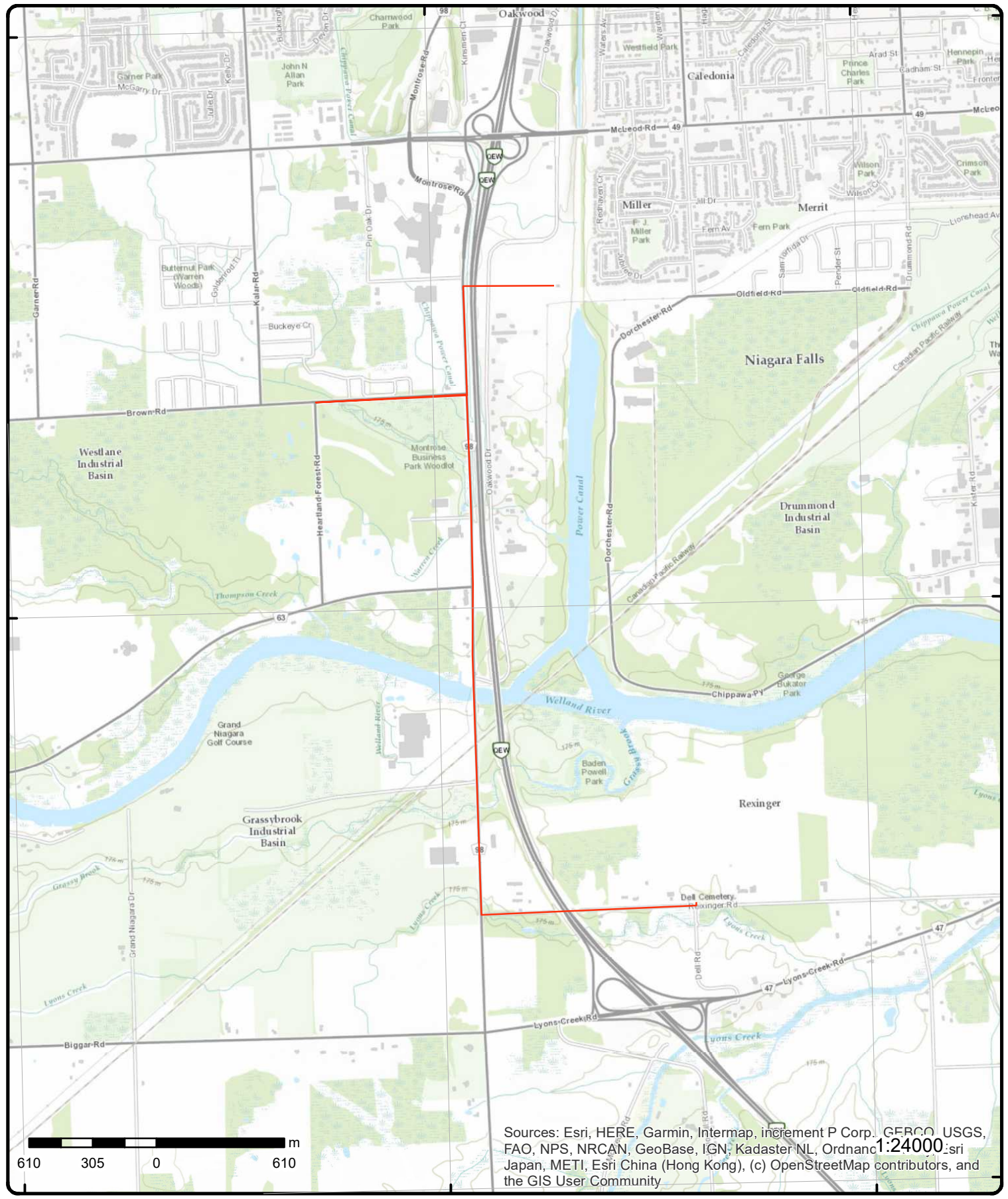
Order Number: 20311800192



© ERIS Information Limited Partnership

43°4'30"N  
43°3'N  
43°3'N  
43°1'30"N

79°7'30"W 79°6'W



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

# Topographic Map

Address: Proposed Alignment and Construction Shaft, ON

Source: ESRI World Topographic Map

Order Number: 20311800192



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# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">36</a>	1 of 1	NNW/0.5	175.8 / 1.00	NIAGARA FALLS CITY - LOT 210, BF CONC. MONTROSE RD./BROWN RD. NIAGARA FALLS CITY ON	CA

**Certificate #:** 3-1019-91-  
**Application Year:** 91  
**Issue Date:** 7/10/1991  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

<a href="#">1</a>	1 of 1	SE/162.9	174.8 / 0.00	lot 211 ON	WWIS
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<b>Well ID:</b> 6601397 <b>Construction Date:</b> <b>Primary Water Use:</b> Livestock <b>Sec. Water Use:</b> Domestic <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>	<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 11/23/1951 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3409 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY <b>Site Info:</b> <b>Lot:</b> 211 <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>
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**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601397.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601397.pdf)

### Bore Hole Information

<b>Bore Hole ID:</b> 10461131 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> o <b>Code OB Desc:</b> Overburden <b>Open Hole:</b> <b>Cluster Kind:</b>	<b>Elevation:</b> 175.339263 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 653032.9 <b>North83:</b> 4768105 <b>Org CS:</b> <b>UTMRC:</b> 9
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Date Completed:</b>	9/18/1951			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591595				
<b>Layer:</b>	2				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	10				
<b>Formation End Depth:</b>	70				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591596				
<b>Layer:</b>	3				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	11				
<b>Most Common Material:</b>	GRAVEL				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	70				
<b>Formation End Depth:</b>	72				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>	932591594				
<b>Layer:</b>	1				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	0				
<b>Formation End Depth:</b>	10				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Method Construction ID:</b>		966601397			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009701			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749076			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		72			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601397			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20			
<b>Final Level After Pumping:</b>		50			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		15			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948676			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		72			
<b>Water Found Depth UOM:</b>		ft			

2

1 of 1

WNW/122.8

174.8 / 0.00

lot 211  
ON

WWIS

<b>Well ID:</b>	6601401	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	1/12/1960
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3409

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	211
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601401.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601401.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461135	<b>Elevation:</b>	174.96347
<b>DP2BR:</b>	61	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652992.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4768127
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	7/14/1959	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591619
<b>Layer:</b>	4
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	61
<b>Formation End Depth:</b>	63
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591616
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		18			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591618			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		44			
<b>Formation End Depth:</b>		61			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591617			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		18			
<b>Formation End Depth:</b>		44			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601401			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009705			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749083			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Depth To:</b> 63					
<b>Casing Diameter:</b> 6					
<b>Casing Diameter UOM:</b> inch					
<b>Casing Depth UOM:</b> ft					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b> 930749082					
<b>Layer:</b> 1					
<b>Material:</b> 1					
<b>Open Hole or Material:</b> STEEL					
<b>Depth From:</b>					
<b>Depth To:</b> 61					
<b>Casing Diameter:</b> 6					
<b>Casing Diameter UOM:</b> inch					
<b>Casing Depth UOM:</b> ft					
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b> 996601401					
<b>Pump Set At:</b>					
<b>Static Level:</b> 14					
<b>Final Level After Pumping:</b> 63					
<b>Recommended Pump Depth:</b> 60					
<b>Pumping Rate:</b> 20					
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b> 20					
<b>Levels UOM:</b> ft					
<b>Rate UOM:</b> GPM					
<b>Water State After Test Code:</b> 1					
<b>Water State After Test:</b> CLEAR					
<b>Pumping Test Method:</b> 1					
<b>Pumping Duration HR:</b> 5					
<b>Pumping Duration MIN:</b> 0					
<b>Flowing:</b> No					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933948680					
<b>Layer:</b> 1					
<b>Kind Code:</b> 1					
<b>Kind:</b> FRESH					
<b>Water Found Depth:</b> 44					
<b>Water Found Depth UOM:</b> ft					
<a href="#">3</a>	1 of 2	ESE/229.3	174.8 / 0.00	YOGI BEARS JELLYSTONE PARK CAMP-RESORT 8676 OAKWOOD DR NIAGARA FALLS ON	PRT
<b>Location ID:</b> 9867					
<b>Type:</b> retail					
<b>Expiry Date:</b> 1995-08-31					
<b>Capacity (L):</b> 1000					
<b>Licence #:</b> 0033717001					
<a href="#">3</a>	2 of 2	ESE/229.3	174.8 / 0.00	YOGI BEAR'S JELLYSTONE PARK CAMP-RESORT 8676 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	RST

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Headcode:</b> 1070540 <b>Headcode Desc:</b> Propane Gas-Tanks & Refilling <b>Phone:</b> 9053541432 <b>List Name:</b> <b>Description:</b>					
<u>4</u>	1 of 5	WNW/1.3	175.9 / 1.06	QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	CA
<b>Certificate #:</b> 7973-52RM58 <b>Application Year:</b> 01 <b>Issue Date:</b> 9/21/01 <b>Approval Type:</b> Municipal & Private sewage <b>Status:</b> Approved <b>Application Type:</b> New Certificate of Approval <b>Client Name:</b> The Corporation of the City of Niagara Falls <b>Client Address:</b> 4310 Queen Street <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 6X5 <b>Project Description:</b> This application is for the construction of sanitary sewer on Q.E.W., Chippawa Creek Road and Montrose Road. <b>Contaminants:</b> <b>Emission Control:</b>					
<u>4</u>	2 of 5	WNW/1.3	175.9 / 1.06	QEW, Chippawa Creek Road, Montrose Road QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	CA
<b>Certificate #:</b> 9054-52RMAF <b>Application Year:</b> 01 <b>Issue Date:</b> 9/21/01 <b>Approval Type:</b> Municipal & Private water <b>Status:</b> Approved <b>Application Type:</b> New Certificate of Approval <b>Client Name:</b> The Corporation of the City of Niagara Falls <b>Client Address:</b> 4310 Queen Street <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 6X5 <b>Project Description:</b> This application is for the construction of watermain on Chippawa Creek Road. <b>Contaminants:</b> <b>Emission Control:</b>					
<u>4</u>	3 of 5	WNW/1.3	175.9 / 1.06	NORTHWEST CORNER OF CHIPPEWA CREEK PARKWAY & MONTROSE ROAD NIAGARA FALLS ON	HINC
<b>External File Num:</b> FS INC 0805-01904 <b>Fuel Occurrence Type:</b> Vapour Release <b>Date of Occurrence:</b> 5/1/2008 <b>Fuel Type Involved:</b> Natural Gas <b>Status Desc:</b> Completed - No Action Required <b>Job Type Desc:</b> Incident/Near-Miss Occurrence (FS) <b>Oper. Type Involved:</b> Construction Site (pipeline strike) <b>Service Interruptions:</b> No <b>Property Damage:</b> No <b>Fuel Life Cycle Stage:</b> Transmission, Distribution and Transportation <b>Root Cause:</b> <b>Reported Details:</b> <b>Fuel Category:</b> Gaseous Fuel <b>Occurrence Type:</b> Incident <b>Affiliation:</b> Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>County Name:</b> Niagara <b>Approx. Quant. Rel:</b> <b>Nearby body of water:</b> <b>Enter Drainage Syst.:</b> <b>Approx. Quant. Unit:</b> <b>Environmental Impact:</b>					
<a href="#">4</a>	4 of 5	WNW/1.3	175.9 / 1.06	The Corporation of the City of Niagara Falls QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	ECA
<b>Approval No:</b>	9054-52RMAF			<b>MOE District:</b>	
<b>Approval Date:</b>	2001-09-21			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-Municipal and Private Water Works				
<b>Project Type:</b>	Municipal and Private Water Works				
<b>Address:</b>	QEW, Chippawa Creek Road and Montrose Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>					
<a href="#">4</a>	5 of 5	WNW/1.3	175.9 / 1.06	The Corporation of the City of Niagara Falls QEW, Chippawa Creek Road and Montrose Road Niagara Falls ON	ECA
<b>Approval No:</b>	7973-52RM58			<b>MOE District:</b>	
<b>Approval Date:</b>	2001-09-21			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>	QEW, Chippawa Creek Road and Montrose Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	https://www.accessenvironment.ene.gov.on.ca/instruments/9775-52PL7U-14.pdf				
<a href="#">5</a>	1 of 1	SSW/83.7	174.8 / 0.00	Niagara Falls ON Niagara Falls ON	EHS
<b>Order No:</b>	20180725041			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	01-AUG-18			<b>Search Radius (km):</b>	.5
<b>Date Received:</b>	25-JUL-18			<b>X:</b>	-79.121997
<b>Previous Site Name:</b>				<b>Y:</b>	43.048885
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">6</a>	1 of 1	W/35.5	178.0 / 3.12	The Regional Municipality of Niagara 8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd Niagara Falls; Niagara Falls; Niagara Falls ON	SPL
<b>Ref No:</b>	6315-B4WL6A			<b>Discharger Report:</b>	
<b>Site No:</b>	NA; 2652-5E2MNX; 9082-6V5SPS			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/09/24			<b>Health/Env Conseq:</b>	0 - No Impact



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> Leak/Break <b>Contaminant Code:</b> 44 <b>Contaminant Name:</b> GREY WATER  <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> n/a <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Land <b>MOE Response:</b> Yes <b>Dt MOE Arvl on Scn:</b> 2018/09/24 <b>MOE Reported Dt:</b> 2018/09/24 <b>Dt Document Closed:</b> 2018/10/03 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> 8675 Montrose Road, Niagara Falls<UNOFFICIAL>; WW Niagara Falls - Stamford WPCP; Grassy Brook <b>Site County/District:</b> Regional Municipality of Niagara; Regional Municipality of Niagara <b>Site Geo Ref Meth:</b> 10 -100 metres eg. Topographic Map; NA <b>Incident Summary:</b> DWMD WW Spill - Niagara Falls WPCP - 500L spill of grey water- Sep 24 18 <b>Contaminant Qty:</b> 500 L					
<b>Client Type:</b> Municipal Government <b>Sector Type:</b> Municipal Sewage <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 8675 Montrose Road, Niagara Falls; 3450 Stanley Ave; 9240 Montrose Rd <b>Site District Office:</b> Niagara; Niagara; Niagara <b>Site Postal Code:</b> L2E 6V8; NA <b>Site Region:</b> West Central <b>Site Municipality:</b> Niagara Falls; Niagara Falls; Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> NA; NA <b>Northing:</b> 4768163.09; 4776463; NA <b>Easting:</b> 652860.85; 655732; NA <b>Site Geo Ref Accu:</b> NA; NA <b>Site Map Datum:</b> NAD83; NA <b>SAC Action Class:</b> Land Spills <b>Source Type:</b> Sewer (Private or Municipal)					

<u>7</u>	1 of 1	SE/270.1	174.8 / 0.00	Oakwood Dr Niagara Falls ON	EHS
<b>Order No:</b> 20051117014 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 11/24/2005 <b>Date Received:</b> 11/16/2005 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>  <b>Nearest Intersection:</b> <b>Municipality:</b> Regional Municipality of <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> -79.119716 <b>Y:</b> 43.048649					

<u>8</u>	1 of 12	N/141.5	174.8 / 0.00	MODERN MOSAIC LTD 8620 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	SCT
<b>Established:</b> 1968 <b>Plant Size (ft²):</b> 20000 <b>Employment:</b> 30  <b>--Details--</b> <b>Description:</b> CONCRETE PRODUCTS, EXCEPT BRICK AND BLOCK <b>SIC/NAICS Code:</b> 3272					

<u>8</u>	2 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Ltd. 8620 Oakwood Dr Niagara Falls ON L2E 6S5	SCT
<b>Established:</b> 01-JUL-68 <b>Plant Size (ft²):</b> 20000 <b>Employment:</b>  <b>--Details--</b> <b>Description:</b> Other Concrete Product Manufacturing <b>SIC/NAICS Code:</b> 327390					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Description:</b>		Other Concrete Product Manufacturing			
<b>SIC/NAICS Code:</b>		327390			
<u>8</u>	3 of 12	N/141.5	174.8 / 0.00	8620 Oakwood Drive Niagara Falls ON	CA
<b>Certificate #:</b>		0206-4WYLDC			
<b>Application Year:</b>		01			
<b>Issue Date:</b>		12/19/01			
<b>Approval Type:</b>		Industrial sewage			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			
<b>Client Name:</b>		Modern Mosaic Limited			
<b>Client Address:</b>		8620 Oakwood Drive			
<b>Client City:</b>		Niagara Falls			
<b>Client Postal Code:</b>		L2E 6S5			
<b>Project Description:</b>		Modern Mosaic produces concrete forms used in the construction of large buildings. The process has two wastewater streams coming from concrete washing and concrete form finishing. The wastewater streams are to be combined to neutralize the pH. The wastewater travels off-site via a drainage ditch and ultimately drains into the Ontario Power Generation Canal and Niagara River			
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<u>8</u>	4 of 12	N/141.5	174.8 / 0.00	8620 Oakwood Drive Niagara Falls ON	CA
<b>Certificate #:</b>		8501-53NP4J			
<b>Application Year:</b>		01			
<b>Issue Date:</b>		10/23/01			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			
<b>Client Name:</b>		Modern Mosaic Limited			
<b>Client Address:</b>		8620 Oakwood Drive			
<b>Client City:</b>		Niagara Falls			
<b>Client Postal Code:</b>		L2E 6S5			
<b>Project Description:</b>		Approval is sought for sources of air emissions generated from facility operations of mixing aggregate, sand and cement to produce concrete forms. The sources include fugitive emissions from wood constructed forms, pouring of concrete, general maintenance and comfort heating.			
<b>Contaminants:</b>					
<b>Emission Control:</b>		Baghouse (Incl Vent Fil.)			
<u>8</u>	5 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	EBR
<b>EBR Registry No:</b>		IA01E0368			
<b>Ministry Ref No:</b>		1155-4UNKQ4			
<b>Notice Type:</b>		Instrument Decision			
<b>Notice Stage:</b>		800478380			
<b>Notice Date:</b>		December 24, 2001			
<b>Proposal Date:</b>		March 16, 2001			
<b>Year:</b>		2001			
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		Modern Mosaic Limited			
<b>Site Address:</b>					
<b>Location Other:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Proponent Name:**  
**Proponent Address:** 8620 Oakwood Drive, Niagara Falls Ontario, L2E 6S5  
**Comment Period:**  
**URL:**

**Site Location Details:**

8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls

<a href="#">8</a>	6 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls ON	EBR
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**EBR Registry No:** IA01E0391  
**Ministry Ref No:** 6803-4UNKFM  
**Notice Type:** Instrument Decision  
**Notice Stage:** 800479058  
**Notice Date:** May 22, 2001  
**Proposal Date:** March 21, 2001  
**Year:** 2001

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Instrument Type:** (OWRA s. 53(1)) - Approval for sewage works

**Off Instrument Name:**

**Posted By:**

**Company Name:** Modern Mosaic Limited

**Site Address:**

**Location Other:**

**Proponent Name:**

**Proponent Address:** 8620 Oakwood Drive, Niagara Falls Ontario, L2E 6S5

**Comment Period:**

**URL:**

**Site Location Details:**

8620 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls

<a href="#">8</a>	7 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	CA
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**Certificate #:** 0838-63XL5S  
**Application Year:** 2004  
**Issue Date:** 8/23/2004  
**Approval Type:** Industrial Sewage Works  
**Status:** Revoked and/or Replaced  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

<a href="#">8</a>	8 of 12	N/141.5	174.8 / 0.00	8620 Oakwood Dr Niagara Falls ON L2E6S5	EHS
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**Order No:** 20140429079  
**Status:** C

**Nearest Intersection:**  
**Municipality:** Niagara Falls

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Report Type:</b> Standard Report <b>Report Date:</b> 08-MAY-14 <b>Date Received:</b> 29-APR-14 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> 8 acres <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.12122 <b>Y:</b> 43.052301					
<a href="#">8</a>	9 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b> 8501-53NP4J <b>Approval Date:</b> 2001-10-23 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 8620 Oakwood Drive <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1155-4UNKQ4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1155-4UNKQ4-14.pdf</a>					
<a href="#">8</a>	10 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b> 0838-63XL5S <b>Approval Date:</b> 2004-08-23 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS <b>Address:</b> 8620 Oakwood Drive <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4524-63TM2Y-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4524-63TM2Y-14.pdf</a>					
<a href="#">8</a>	11 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b> 0206-4WYLDC <b>Approval Date:</b> 2001-12-19 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS <b>Address:</b> 8620 Oakwood Drive <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6803-4UNKFM-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6803-4UNKFM-14.pdf</a>					
<a href="#">8</a>	12 of 12	N/141.5	174.8 / 0.00	Modern Mosaic Limited 8620 Oakwood Dr Niagara Falls ON L2E 6S5	SPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> 0 - No Impact <b>Client Type:</b> Corporation <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> 8620 Oakwood Dr <b>Site District Office:</b> Niagara <b>Site Postal Code:</b> L2E 6S5 <b>Site Region:</b> West Central <b>Site Municipality:</b> Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> NA <b>Northing:</b> 4768351 <b>Easting:</b> 653053 <b>Site Geo Ref Accu:</b> Map <b>Site Map Datum:</b> NAD83 <b>SAC Action Class:</b> <b>Source Type:</b>	
				<b>Ref No:</b> 8768-BA3KP2 <b>Site No:</b> 6473-4UNKH3 <b>Incident Dt:</b> 3/6/2019 <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> <b>MOE Response:</b> Yes <b>Dt MOE Arvl on Scn:</b> 3/6/2019 <b>MOE Reported Dt:</b> 3/6/2019 <b>Dt Document Closed:</b> <b>Incident Reason:</b> <b>Site Name:</b> 8620 Oakwood Drive <b>Site County/District:</b> Regional Municipality Of Niagara <b>Site Geo Ref Meth:</b> 1-10 metres eg. Good Quality GPS <b>Incident Summary:</b> Inspection findings <b>Contaminant Qty:</b>	
<a href="#"><u>9</u></a>	1 of 1	WSW/15.7	178.2 / 3.36	<b>Reid Signs</b> <b>8825 Montrose Rd</b> <b>Niagara Falls ON L2E 6S5</b>	SCT
				<b>Established:</b> 1993 <b>Plant Size (ft²):</b> 2000 <b>Employment:</b> 1  <b>--Details--</b> <b>Description:</b> Sign Manufacturing <b>SIC/NAICS Code:</b> 339950	
<a href="#"><u>10</u></a>	1 of 3	N/116.2	174.8 / 0.00	<b>The Regional Municipality of Niagara</b> <b>8555 Oakwood Dr</b> <b>Niagara Falls ON L2E 6S5</b>	CA
				<b>Certificate #:</b> 2369-7P6R8E <b>Application Year:</b> 2009 <b>Issue Date:</b> 2/17/2009 <b>Approval Type:</b> Municipal and Private Sewage Works <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>	
<a href="#"><u>10</u></a>	2 of 3	N/116.2	174.8 / 0.00	<b>The Regional Municipality of Niagara</b> <b>8555 Oakwood Dr</b> <b>Niagara Falls ON L2V 4T7</b>	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval No:</b>	2369-7P6R8E			<b>MOE District:</b>	
<b>Approval Date:</b>	2009-02-17			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>	8555 Oakwood Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/2181-7NNKYR-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/2181-7NNKYR-14.pdf</a>				

<a href="#"><b>10</b></a>	<b>3 of 3</b>	<b>N/116.2</b>	<b>174.8 / 0.00</b>	<b>The Regional Municipality of Niagara 8555 Oakwood Dr Niagara Falls ON L2V 4T7</b>	<b>ECA</b>
<b>Approval No:</b>	0397-7NNHUF			<b>MOE District:</b>	
<b>Approval Date:</b>	2009-02-05			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	8555 Oakwood Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3927-7LLRMK-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3927-7LLRMK-14.pdf</a>				

<a href="#"><b>11</b></a>	<b>1 of 1</b>	<b>S/151.8</b>	<b>174.8 / 0.00</b>	<b>lot 211 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	6601400			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	1/12/1960
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	211
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601400.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601400.pdf</a>				

#### Bore Hole Information

<b>Bore Hole ID:</b>	10461134	<b>Elevation:</b>	175.005355
<b>DP2BR:</b>	70	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653021.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4767840

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 6/23/1959 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>				<b>Org CS:</b> <b>UTMRC:</b> 5 <b>UTMRC Desc:</b> margin of error : 100 m - 300 m <b>Location Method:</b> p5	
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591613			
<b>Layer:</b>		5			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		60			
<b>Formation End Depth:</b>		69			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591615			
<b>Layer:</b>		7			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		70			
<b>Formation End Depth:</b>		71			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591610			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591614		
<b>Layer:</b>			6		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			11		
<b>Most Common Material:</b>			GRAVEL		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			69		
<b>Formation End Depth:</b>			70		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591612		
<b>Layer:</b>			4		
<b>Color:</b>			3		
<b>General Color:</b>			BLUE		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			55		
<b>Formation End Depth:</b>			60		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591609		
<b>Layer:</b>			1		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			10		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932591611		
<b>Layer:</b>			3		
<b>Color:</b>			7		
<b>General Color:</b>			RED		
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		55			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601400			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009704			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749081			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		70			
<b>Casing Diameter:</b>		7			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601400			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20			
<b>Final Level After Pumping:</b>		45			
<b>Recommended Pump Depth:</b>		45			
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		8			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		3			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948679			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		70			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">12</a>	1 of 15	N/147.8	174.8 / 0.00	T.T.&H MONTGOMERY CONSTRUCTION 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b> ON2566300 <b>Status:</b> <b>Approval Years:</b> 00,01 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 4214 <b>SIC Description:</b> EXCAVAT. & GRADING		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>Detail(s)</b>					
<b>Waste Class:</b> 252		<b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS			
<a href="#">12</a>	2 of 15	N/147.8	174.8 / 0.00	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b> ON2566300 <b>Status:</b> <b>Approval Years:</b> 02,03,04,05,06,07,08 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b>Detail(s)</b>					
<b>Waste Class:</b> 252		<b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS			
<a href="#">12</a>	3 of 15	N/147.8	174.8 / 0.00	T. T. & H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	PES
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> Limited Vendor <b>Licence Type Code:</b> 23 <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>		<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>			
<a href="#">12</a>	4 of 15	N/147.8	174.8 / 0.00	T. T. & H. Montgomery Construction (Niagara) Limited	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				8550 Oakwood Dr Niagara Falls ON L2E 6S5	
<b>Certificate #:</b>		2721-8A8PZW			
<b>Application Year:</b>		2010			
<b>Issue Date:</b>		10/19/2010			
<b>Approval Type:</b>		Waste Management Systems			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">12</a>	5 of 15	N/147.8	174.8 / 0.00	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">12</a>	6 of 15	N/147.8	174.8 / 0.00	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">12</a>	7 of 15	N/147.8	174.8 / 0.00	T.T.&H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 232110 <b>SIC Description:</b>				<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">12</a>	8 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION            (NIAGARA) LTD.            8550 OAKWOOD DRIVE            NIAGARA FALLS ON</b>	GEN
<b>Generator No:</b> ON2566300 <b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 232110 <b>SIC Description:</b>		SITE PREPARATION WORK		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">12</a>	9 of 15	N/147.8	174.8 / 0.00	<b>T. T. &amp; H. Montgomery Construction (Niagara)            Limited            8550 Oakwood Dr            Niagara Falls ON L2E 6S5</b>	ECA
<b>Approval No:</b> 2721-8A8PZW <b>Approval Date:</b> 2010-10-19 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-WASTE MANAGEMENT SYSTEMS <b>Project Type:</b> WASTE MANAGEMENT SYSTEMS <b>Address:</b> 8550 Oakwood Dr <b>Full Address:</b> <b>Full PDF Link:</b>		https://www.accessenvironment.ene.gov.on.ca/instruments/0459-8A2P7P-14.pdf		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">12</a>	10 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION            (NIAGARA) LTD.            8550 OAKWOOD DRIVE            NIAGARA FALLS ON L2E 6S5</b>	GEN
<b>Generator No:</b> ON2566300 <b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 232110 <b>SIC Description:</b>		SITE PREPARATION WORK		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Harold A Montgomery <b>Phone No Admin:</b> 905-354-2519 Ext.	
<b><u>Detail(s)</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">12</a>	11 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Harold A Montgomery
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-2519 Ext.
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">12</a>	12 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Harold A Montgomery
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-2519 Ext.
<b>SIC Code:</b>	232110				
<b>SIC Description:</b>	SITE PREPARATION WORK				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<a href="#">12</a>	13 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON2566300			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<a href="#">12</a>	14 of 15	N/147.8	174.8 / 0.00	<b>T. T. &amp; H. MONTGOMERY CONSTRUCTION (NIAGARA) LIMITED 8550 OAKWOOD DRIVE</b>	<b>PES</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>NIAGARA FALLS ON L2E6S5</b>					
<b>Detail Licence No:</b> <b>Licence No:</b> 13162 <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Legacy Licenses (Excluding TS) <b>Licence Type:</b> Limited Vendor <b>Licence Type Code:</b> 23 <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>		<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> 905 <b>Oper Phone No:</b> 3542519 <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>			
<a href="#">12</a>	15 of 15	N/147.8	174.8 / 0.00	<b>T.T.&amp;H. MONTGOMERY CONSTRUCTION (NIAGARA) LTD. 8550 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b> ON2566300 <b>Status:</b> Registered <b>Approval Years:</b> As of Oct 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 252 L <b>Waste Class Desc:</b> Waste crankcase oils and lubricants					
<a href="#">13</a>	1 of 1	SW/51.9	181.1 / 6.24	<b>8675 Montrose Rd Niagara Falls ON L2H0Z9</b>	<b>EHS</b>
<b>Order No:</b> 20170519045 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 26-MAY-17 <b>Date Received:</b> 19-MAY-17 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .35 <b>X:</b> -79.123679 <b>Y:</b> 43.048381			
<a href="#">14</a>	1 of 1	NNW/103.7	174.8 / 0.00	<b>lot 211 ON</b>	<b>WWIS</b>
<b>Well ID:</b> 6601398 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 12/9/1954 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 5425			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	211
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601398.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601398.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461132	<b>Elevation:</b>	174.723968
<b>DP2BR:</b>	81	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652967.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4768438
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	11/12/1954	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591602
<b>Layer:</b>	6
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	81
<b>Formation End Depth:</b>	83
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591601
<b>Layer:</b>	5
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		68			
<b>Formation End Depth:</b>		81			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591598			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		22			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591600			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		09			
<b>Most Common Material:</b>		MEDIUM SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		56			
<b>Formation End Depth:</b>		68			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591597			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		01			
<b>Most Common Material:</b>		FILL			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591599			
<b>Layer:</b>		3			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		22			
<b>Formation End Depth:</b>		56			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601398			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009702			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749077			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		81			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749078			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		83			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601398			
<b>Pump Set At:</b>					
<b>Static Level:</b>		18			
<b>Final Level After Pumping:</b>		18			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		15			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948677			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		82			
<b>Water Found Depth UOM:</b>		ft			

[15](#)    1 of 1    S/144.6    173.7 / -1.09    lot 211 ON    **WWIS**

<b>Well ID:</b>	6601399	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	12/20/1956
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	5425
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	66
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	211
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601399.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601399.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461133	<b>Elevation:</b>	172.744552
<b>DP2BR:</b>	76	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653017.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4767747
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	9/26/1956	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932591608		
<b>Layer:</b>			6		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			76		
<b>Formation End Depth:</b>			82		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932591603		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			02		
<b>Most Common Material:</b>			TOPSOIL		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			0		
<b>Formation End Depth:</b>			1		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932591607		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			11		
<b>Most Common Material:</b>			GRAVEL		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			70		
<b>Formation End Depth:</b>			76		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>			932591604		
<b>Layer:</b>			2		
<b>Color:</b>			6		
<b>General Color:</b>			BROWN		
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>	1				
<b>Formation End Depth:</b>	14				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932591605				
<b>Layer:</b>	3				
<b>Color:</b>	3				
<b>General Color:</b>	BLUE				
<b>Mat1:</b>	05				
<b>Most Common Material:</b>	CLAY				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	14				
<b>Formation End Depth:</b>	40				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>	932591606				
<b>Layer:</b>	4				
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>	09				
<b>Most Common Material:</b>	MEDIUM SAND				
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>	40				
<b>Formation End Depth:</b>	70				
<b>Formation End Depth UOM:</b>	ft				
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>	966601399				
<b>Method Construction Code:</b>	1				
<b>Method Construction:</b>	Cable Tool				
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>	11009703				
<b>Casing No:</b>	1				
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>	930749080				
<b>Layer:</b>	2				
<b>Material:</b>	4				
<b>Open Hole or Material:</b>	OPEN HOLE				
<b>Depth From:</b>					
<b>Depth To:</b>	82				
<b>Casing Diameter:</b>	6				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Casing**

Casing ID: 930749079  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 76  
Casing Diameter: 6  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pump Test ID: 996601399  
Pump Set At:  
Static Level: 16  
Final Level After Pumping: 21  
Recommended Pump Depth:  
Pumping Rate: 8  
Flowing Rate:  
Recommended Pump Rate:  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 2  
Water State After Test: CLOUDY  
Pumping Test Method: 1  
Pumping Duration HR: 0  
Pumping Duration MIN: 30  
Flowing: No

**Water Details**

Water ID: 933948678  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 80  
Water Found Depth UOM: ft

<a href="#">16</a>	1 of 1	WNW/158.5	174.8 / 0.00	210 Montrose Road Niagara Falls ON	EHS
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Order No:	20190301053	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	07-MAR-19	Search Radius (km):	.25
Date Received:	01-MAR-19	X:	-79.124902
Previous Site Name:		Y:	43.052179
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Aerial Photos		

<a href="#">17</a>	1 of 1	S/139.5	173.0 / -1.85	ON	WWIS
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Well ID:	6601403	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/16/1964

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:	0			<b>Selected Flag:</b>	Yes
Final Well Status:	Water Supply			<b>Abandonment Rec:</b>	
Water Type:				<b>Contractor:</b>	3409
Casing Material:				<b>Form Version:</b>	1
Audit No:				<b>Owner:</b>	
Tag:				<b>Street Name:</b>	
Construction Method:				<b>County:</b>	66
Elevation (m):				<b>Municipality:</b>	NIAGARA FALLS CITY
Elevation Reliability:				<b>Site Info:</b>	
Depth to Bedrock:				<b>Lot:</b>	
Well Depth:				<b>Concession:</b>	
Overburden/Bedrock:				<b>Concession Name:</b>	
Pump Rate:				<b>Easting NAD83:</b>	
Static Water Level:				<b>Northing NAD83:</b>	
Flowing (Y/N):				<b>Zone:</b>	
Flow Rate:				<b>UTM Reliability:</b>	
Clear/Cloudy:					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601403.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601403.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	10461137	<b>Elevation:</b>	171.817993
<b>DP2BR:</b>	75	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653012.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4767742
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	10/6/1964	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932591626
<b>Layer:</b>	3
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	15
<b>Most Common Material:</b>	LIMESTONE
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	75
<b>Formation End Depth:</b>	78
<b>Formation End Depth UOM:</b>	ft

#### Overburden and Bedrock

##### Materials Interval

<b>Formation ID:</b>	932591624
<b>Layer:</b>	1
<b>Color:</b>	6
<b>General Color:</b>	BROWN
<b>Mat1:</b>	05

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		68			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591625			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		14			
<b>Most Common Material:</b>		HARDPAN			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		68			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601403			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009707			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749086			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		75			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749087			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		78			
<b>Casing Diameter:</b>		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601403			
<b>Pump Set At:</b>					
<b>Static Level:</b>		22			
<b>Final Level After Pumping:</b>		75			
<b>Recommended Pump Depth:</b>		40			
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		4			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948682			
<b>Layer:</b>		1			
<b>Kind Code:</b>		3			
<b>Kind:</b>		SULPHUR			
<b>Water Found Depth:</b>		78			
<b>Water Found Depth UOM:</b>		ft			
<a href="#">18</a>	1 of 7	NW/75.2	174.8 / 0.00	Alo North America Inc. 8485 Montrose Rd Niagara Falls ON L2H 3L7	SCT
<b>Established:</b>		01-AUG-96			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b><u>--Details--</u></b>					
<b>Description:</b>		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		417230			
<b>Description:</b>		Farm, Lawn and Garden Machinery and Equipment Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		417110			
<a href="#">18</a>	2 of 7	NW/75.2	174.8 / 0.00	Alo North America Inc. 8485 Montrose Rd. Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>		ON6044961		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		05,06		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		493190			
<b>SIC Description:</b>		Other Warehousing and Storage			
<b><u>Detail(s)</u></b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">18</a>	3 of 7	NW/75.2	174.8 / 0.00	Alo North America Inc. 8485 Montrose Rd. Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>	ON6044961			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	493190				
<b>SIC Description:</b>	Other Warehousing and Storage				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">18</a>	4 of 7	NW/75.2	174.8 / 0.00	Alo North America, Inc 8485 Montrose Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	All Other Machinery Equipment and Supplies Wholesaler-Distributors				
<a href="#">18</a>	5 of 7	NW/75.2	174.8 / 0.00	Alo North America, Inc 8485 Montrose Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">18</a>	6 of 7	NW/75.2	174.8 / 0.00	Alo North America, Inc 8485 Montrose Road Niagara Falls ON L2H 3L7	GEN
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>18</b>	<b>7 of 7</b>	<b>NW/75.2</b>	<b>174.8 / 0.00</b>	<b>Alo North America, Inc 8485 Montrose Road Niagara Falls ON L2H 3L7</b>	<b>GEN</b>
<b>Generator No:</b>	ON5410231			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	417990				
<b>SIC Description:</b>	ALL OTHER MACHINERY, EQUIPMENT AND SUPPLIES WHOLESALER-DISTRIBUTORS				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>19</b>	<b>1 of 1</b>	<b>SSW/29.9</b>	<b>125.7 / -49.10</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	606271			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508079			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1964			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.046534
<b>Total Depth m:</b>	-999			<b>Longitude DD:</b>	-79.122664
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652905
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4767693
<b>Orig Ground Elev m:</b>	171			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	101				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373145			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	10.4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,SAND, GRAVEL. BROWN,STIFF.				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Geology Stratum ID:</b>	218373147			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	13.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,SILT,SAND, GRAVEL. BROWN,GLACIAL,DENSE, AGE GLACIAL.				
<b>Geology Stratum ID:</b>	218373149			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	18.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	20.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND(68),SILT(25), GRAVEL(06). VARI-COLOURED,DENSE.				
<b>Geology Stratum ID:</b>	218373142			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Organic			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	organic
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	ORGANIC.				
<b>Geology Stratum ID:</b>	218373146			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	12.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	13.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Sand			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,GRAVEL,SILT, SAND. GREY,GLACIAL,COMPACT, AGE GLACIAL.				
<b>Geology Stratum ID:</b>	218373150			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	20.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>				<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gypsum			<b>Geologic Period:</b>	
<b>Material 4:</b>	Shale			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,DOLOMITE, GYPSUM,SHALE. GREY,POROUS. 017035034 028 013015024 010 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373144			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	6.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(93),CLAY(06), SAND,GRAVEL. BROWN,SOFT.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218373148			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	15.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,SAND. VARI-COLOURED,STIFF.				
<b>Geology Stratum ID:</b>	218373143			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	1.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Peat			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	peat
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	PEAT,SILT,CLAY. BROWN,VERY SOFT,LAYERED.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049410 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>20</b>	<b>1 of 1</b>	<b>SSW/28.5</b>	<b>111.9 / -62.95</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	606270			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508078			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1964			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.046174
<b>Total Depth m:</b>	19.5			<b>Longitude DD:</b>	-79.122675
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652905
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4767653
<b>Orig Ground Elev m:</b>	171			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	96.7				
<b>Concession:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373140			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	14.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND(68),GRAVEL(16),SILT(14). GREY,COMPACT.				
<b>Geology Stratum ID:</b>	218373136			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	4			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT. GREY,SOFT.				
<b>Geology Stratum ID:</b>	218373139			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	12.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,SILT,SAND, GRAVEL. BROWN,GLACIAL,HARD.				
<b>Geology Stratum ID:</b>	218373141			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	16.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	19.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT,CLAY. GREY,DENSE,LAYERED. 035 028 016 012 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373138			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,CLAY,SILT, GRAVEL. BROWN,GLACIAL,STIFF.				
<b>Geology Stratum ID:</b>	218373135			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4			<b>Material Texture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Water-bearing			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	WATER.				
<b>Geology Stratum ID:</b>	218373137			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	7.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,SAND. BROWN,SOFT.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049400 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>21</b>	<b>1 of 1</b>	<b>SSW/10.1</b>	<b>118.2 / -56.59</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	857771			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215577769			<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	21-APR-1964			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	0
<b>Primary Water Use:</b>				<b>Township:</b>	CROWLAND
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.046015
<b>Total Depth m:</b>	9.1			<b>Longitude DD:</b>	-79.123146
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652867
<b>Drill Method:</b>	Hollow stem auger			<b>Northing:</b>	4767634
<b>Orig Ground Elev m:</b>	32.4			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	124				
<b>Concession:</b>	BROKEN FRONT				
<b>Location D:</b>	Montrose Bridge, Welland River. Job: 64-F-286M				
<b>Survey D:</b>					
<b>Comments:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	220433417			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.8			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	Fill-Granular
<b>Material 1:</b>	Stones			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silty			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Fill (crushed stone and silty clay) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433418			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	3.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Silty clay with silt laminate. Reddish brown with grey.				
<b>Geology Stratum ID:</b>	220433419			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	8.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Silty clay, silt seams, odd g & p. Reddish brown.				

**22**      1 of 1      **SSW/3.8**      **149.2 / -25.63**      **ON**      **BORE**

<b>Borehole ID:</b>	606269	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508077	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1964	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.04555
<b>Total Depth m:</b>	24.4	<b>Longitude DD:</b>	-79.123062
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17
<b>Depth Elev:</b>		<b>Easting:</b>	652875
<b>Drill Method:</b>	Power auger	<b>Northing:</b>	4767583
<b>Orig Ground Elev m:</b>	173	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	171		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

**Geology Stratum ID:** 218373127      **Mat Consistency:** Compact

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>	Asphalt			<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	FILL,GRAVEL,CLAY, ASPHALT. BROWN,COMPACT.				
<b>Geology Stratum ID:</b>	218373129			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(60),CLAY(35), SAND(04). GREY,SOFT,LAYERED.				
<b>Geology Stratum ID:</b>	218373133			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	21.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	22.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,SILT. GREY,DENSE.				
<b>Geology Stratum ID:</b>	218373134			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	22.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	24.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>	Limestone			<b>Geologic Period:</b>	Silurian
<b>Material 4:</b>	Gypsum			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,DOLOMITE, LIMESTONE,GYPSUM. GREY,AGE SILURIAN. 004 017 017030031 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373128			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	2.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Organic			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	organic
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,ORGANIC. VARI-COLOURED,SOFT.				
<b>Geology Stratum ID:</b>	218373132			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	18.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	21.9			<b>Material Texture:</b>	Medium
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND-MEDIUM,SILT. BROWN,DENSE.				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218373130			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	8.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(50),CLAY(38), SAND(12). VARI-COLOURED,SOFT,LAYERED.				
<b>Geology Stratum ID:</b>	218373131			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	10.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clay			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	TILL,SAND(52), SILT(48),CLAY. BROWN,GLACIAL,DENSE, AGE GLACIAL.				
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049390 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<b>23</b>	<b>1 of 13</b>	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Star Warning Systems Inc.</b> <b>7695 Blackburn Pky</b> <b>Niagara Falls ON L2H 0A6</b>	<b>SCT</b>
<b>Established:</b>	1976				
<b>Plant Size (ft²):</b>	38000				
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>	Other Communications Equipment Manufacturing				
<b>SIC/NAICS Code:</b>	334290				
<b>Description:</b>	Semiconductor and Other Electronic Component Manufacturing				
<b>SIC/NAICS Code:</b>	334410				
<b>Description:</b>	Electric Lamp Bulb and Parts Manufacturing				
<b>SIC/NAICS Code:</b>	335110				
<b>Description:</b>	Lighting Fixture Manufacturing				
<b>SIC/NAICS Code:</b>	335120				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Description:</b>		Motor Vehicle Electrical and Electronic Equipment Manufacturing			
<b>SIC/NAICS Code:</b>		336320			
<a href="#">23</a>	2 of 13	NW/187.3	174.8 / 0.00	SWS Star Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	06,07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	Lighting Fixture Manufacturing				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<a href="#">23</a>	3 of 13	NW/187.3	174.8 / 0.00	SWS Warning Systems Inc. 7695 Blackburn Pky Niagara Falls ON L2H 0A6	SCT
<b>Established:</b>	01-JUL-76				
<b>Plant Size (ft²):</b>	38000				
<b>Employment:</b>					
<b><u>--Details--</u></b>					
<b>Description:</b>	Lighting Fixture Manufacturing				
<b>SIC/NAICS Code:</b>	335120				
<b>Description:</b>	Semiconductor and Other Electronic Component Manufacturing				
<b>SIC/NAICS Code:</b>	334410				
<b>Description:</b>	Other Communications Equipment Manufacturing				
<b>SIC/NAICS Code:</b>	334290				
<b>Description:</b>	Motor Vehicle Electrical and Electronic Equipment Manufacturing				
<b>SIC/NAICS Code:</b>	336320				
<b>Description:</b>	Electric Lamp Bulb and Parts Manufacturing				
<b>SIC/NAICS Code:</b>	335110				
<b>Description:</b>	Lighting Fixture Manufacturing				
<b>SIC/NAICS Code:</b>	335120				
<a href="#">23</a>	4 of 13	NW/187.3	174.8 / 0.00	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>		Lighting Fixture Manufacturing			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b><u>23</u></b>	<b>5 of 13</b>	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>		Lighting Fixture Manufacturing			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b><u>23</u></b>	<b>6 of 13</b>	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>		Lighting Fixture Manufacturing			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b><u>23</u></b>	<b>7 of 13</b>	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Description:</b>		Lighting Fixture Manufacturing			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<a href="#"><u>23</u></a>	8 of 13	NW/187.3	174.8 / 0.00	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	LIGHTING FIXTURE MANUFACTURING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<a href="#"><u>23</u></a>	9 of 13	NW/187.3	174.8 / 0.00	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Tom Chopp
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	9053570222 Ext.
<b>SIC Code:</b>	335120				
<b>SIC Description:</b>	LIGHTING FIXTURE MANUFACTURING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		113			
<b>Waste Class Desc:</b>		ACID WASTE - OTHER METALS			
<a href="#"><u>23</u></a>	10 of 13	NW/187.3	174.8 / 0.00	SWS Warning Systems Inc. 7695 Blackburn Pkwy Niagara Falls ON L2H 0A6	GEN
<b>Generator No:</b>	ON8233091			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Tom Chopp

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	No 335120			<b>Phone No Admin:</b> 9053570222 Ext. LIGHTING FIXTURE MANUFACTURING	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 ALIPHATIC SOLVENTS				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 PETROLEUM DISTILLATES				
<b>23</b>	11 of 13	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc.</b> <b>7695 Blackburn Pkwy</b> <b>Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091 No 2014 No No 335120			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Tom Chopp <b>Phone No Admin:</b> 9053570222 Ext. LIGHTING FIXTURE MANUFACTURING	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 ALIPHATIC SOLVENTS				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 PETROLEUM DISTILLATES				
<b>23</b>	12 of 13	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc.</b> <b>7695 Blackburn Pkwy</b> <b>Niagara Falls ON L2H 0A6</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON8233091 Registered As of Dec 2018 No No 335120			<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	113 C Acid solutions - containing other metals and non-metals				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	212 H Aliphatic solvents and residues				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 I Petroleum distillates				
<b>Waste Class:</b> <b>Waste Class Desc:</b>	213 L Petroleum distillates				
<b>23</b>	13 of 13	<b>NW/187.3</b>	<b>174.8 / 0.00</b>	<b>SWS Warning Systems Inc.</b> <b>7695 Blackburn Pkwy</b> <b>Niagara Falls ON L2H 0A6</b>	<b>GEN</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Generator No:</b> ON8233091 <b>Status:</b> Registered <b>Approval Years:</b> As of Jul 2020 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		213 L			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		113 C			
<b>Waste Class Desc:</b>		Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b>		212 H			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			

<u>24</u>	1 of 1	S/98.0	151.6 / -23.20	lot 10 ON	WWIS
<b>Well ID:</b>	7338633			<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	7/29/2019
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>				<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1844
<b>Casing Material:</b>				<b>Form Version:</b>	8
<b>Audit No:</b>	C30143			<b>Owner:</b>	
<b>Tag:</b>	A193789			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	010
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	BF WR
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

PDF URL (Map):

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007568602	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	652978
<b>Code OB Desc:</b>		<b>North83:</b>	4767551
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	3/16/2018	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					

<a href="#">25</a>	1 of 1	SSW/57.2	185.2 / 10.40	MONROSE RD Niagara Falls ON	WWIS
<i>Well ID:</i>		7305848		<i>Data Entry Status:</i>	
<i>Construction Date:</i>				<i>Data Src:</i>	
<i>Primary Water Use:</i>		Test Hole		<i>Date Received:</i>	
<i>Sec. Water Use:</i>		Monitoring		2/14/2018	
<i>Final Well Status:</i>		Abandoned-Other		<i>Selected Flag:</i>	
<i>Water Type:</i>				Yes	
<i>Casing Material:</i>				<i>Abandonment Rec:</i>	
<i>Audit No:</i>		Z272946		Yes	
<i>Tag:</i>		A192016		<i>Contractor:</i>	
<i>Construction Method:</i>				7295	
<i>Elevation (m):</i>				<i>Form Version:</i>	
<i>Elevation Reliability:</i>				7	
<i>Depth to Bedrock:</i>				<i>Owner:</i>	
<i>Well Depth:</i>				MONROSE RD	
<i>Overburden/Bedrock:</i>				<i>Street Name:</i>	
<i>Pump Rate:</i>				66	
<i>Static Water Level:</i>				<i>County:</i>	
<i>Flowing (Y/N):</i>				NIAGARA FALLS CITY (CROWLAND)	
<i>Flow Rate:</i>				<i>Municipality:</i>	
<i>Clear/Cloudy:</i>				<i>Site Info:</i>	
				<i>Lot:</i>	
				<i>Concession:</i>	
				<i>Concession Name:</i>	
				<i>Easting NAD83:</i>	
				<i>Northing NAD83:</i>	
				<i>Zone:</i>	
				<i>UTM Reliability:</i>	

PDF URL (Map):

**Bore Hole Information**

<i>Bore Hole ID:</i>	1006988604	<i>Elevation:</i>	
<i>DP2BR:</i>		<i>Elevrc:</i>	
<i>Spatial Status:</i>		<i>Zone:</i>	17
<i>Code OB:</i>		<i>East83:</i>	652826
<i>Code OB Desc:</i>		<i>North83:</i>	4767454
<i>Open Hole:</i>		<i>Org CS:</i>	UTM83
<i>Cluster Kind:</i>		<i>UTMRC:</i>	4
<i>Date Completed:</i>	12/21/2017	<i>UTMRC Desc:</i>	margin of error : 30 m - 100 m
<i>Remarks:</i>		<i>Location Method:</i>	cnrev
<i>Elevrc Desc:</i>			
<i>Location Source Date:</i>			
<i>Improvement Location Source:</i>			
<i>Improvement Location Method:</i>			
<i>Source Revision Comment:</i>			
<i>Supplier Comment:</i>			

**Annular Space/Abandonment Sealing Record**

<i>Plug ID:</i>	1007154289
<i>Layer:</i>	1
<i>Plug From:</i>	
<i>Plug To:</i>	
<i>Plug Depth UOM:</i>	ft

**Method of Construction & Well Use**

<i>Method Construction ID:</i>	1007154288
<i>Method Construction Code:</i>	6

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007154280			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1007154284			
<b>Layer:</b>					
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007154285			
<b>Layer:</b>					
<b>Slot:</b>					
<b>Screen Top Depth:</b>					
<b>Screen End Depth:</b>					
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>					
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007154283			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007154282			
<b>Diameter:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			
<b><u>26</u></b>	<b>1 of 16</b>	<b>N/161.5</b>	<b>174.8 / 0.00</b>	<b>8230 Oakwood Drive Niagara Falls ON L2E 6S5</b>	<b>CA</b>
<b>Certificate #:</b>		2324-4JMMHH			
<b>Application Year:</b>		00			
<b>Issue Date:</b>		4/20/00			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>		New Certificate of Approval			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b>		Eugene T. Willick 8230 Oakwood Drive Niagara Falls L2E 6S5 This is an application for an air certificate of approval to allow for the installation of a paint spray booth inside an existing spray booth made of fire rated drywall. Emissions will exhaust to the atmosphere vial a roof stack 8 m above grade.			
<b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">26</a>	2 of 16	N/161.5	174.8 / 0.00	<b>The Chair Expert Mobile Unit</b> <b>8230 Oakwood Drive Niagara Falls Ontario L2E</b> <b>6S5 Niagara Falls</b> <b>ON</b>	EBR
<b>EBR Registry No:</b> <b>Ministry Ref No:</b> <b>Notice Type:</b> <b>Notice Stage:</b> <b>Notice Date:</b> <b>Proposal Date:</b> <b>Year:</b> <b>Instrument Type:</b> <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> <b>Comment Period:</b> <b>URL:</b>		IA00E0395 4088-4GUKB9 Instrument Decision 800476132 April 20, 2000 February 25, 2000 2000 (EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		<b>Decision Posted:</b> <b>Exception Posted:</b> <b>Section:</b> <b>Act 1:</b> <b>Act 2:</b> <b>Site Location Map:</b>	
<b>Site Location Details:</b> 8230 Oakwood Drive Niagara Falls Ontario L2E 6S5 Niagara Falls					
<a href="#">26</a>	3 of 16	N/161.5	174.8 / 0.00	<b>VOLSCI CONSTRUCTION CO.</b> <b>8230 OAKWOOD DRIVE</b> <b>NIAGARA FALLS ON L2E 6S5</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON1441200 92,93,97,98,99,00,01 4122 WATERWORKS & SEWAGE		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 WASTE OILS & LUBRICANTS			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		213 PETROLEUM DISTILLATES			
<a href="#">26</a>	4 of 16	N/161.5	174.8 / 0.00	<b>VOLSCI CONSTRUCTION CO. INC. 40-295</b> <b>8230 OAKWOOD DRIVE</b> <b>NIAGARA FALLS ON L2E 6S5</b>	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Generator No:</b> ON1441200  <b>Status:</b>  <b>Approval Years:</b> 94,95,96  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b> 4122  <b>SIC Description:</b> WATERWORKS &amp; SEWAGE</p> <p><b>PO Box No:</b>  <b>Country:</b>  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b><u>Detail(s)</u></b>					
<p><b>Waste Class:</b> 252  <b>Waste Class Desc:</b> WASTE OILS &amp; LUBRICANTS</p>					
<a href="#">26</a>	5 of 16	N/161.5	174.8 / 0.00	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON	GEN
<p><b>Generator No:</b> ON1441200  <b>Status:</b>  <b>Approval Years:</b> 03,04,05,06,07,08  <b>Contam. Facility:</b>  <b>MHSW Facility:</b>  <b>SIC Code:</b>  <b>SIC Description:</b></p> <p><b>PO Box No:</b>  <b>Country:</b>  <b>Choice of Contact:</b>  <b>Co Admin:</b>  <b>Phone No Admin:</b></p>					
<b><u>Detail(s)</u></b>					
<p><b>Waste Class:</b> 213  <b>Waste Class Desc:</b> PETROLEUM DISTILLATES</p> <p><b>Waste Class:</b> 252  <b>Waste Class Desc:</b> WASTE OILS &amp; LUBRICANTS</p>					
<a href="#">26</a>	6 of 16	N/161.5	174.8 / 0.00	VOLSCI CONSTRUCTION CO LTD 8230 OAKWOOD DR NIAGARA FALLS ON	DTNK
<b><u>Delisted Expired Fuel Safety Facilities</u></b>					
<p><b>Instance No:</b> 10453573  <b>Status:</b> EXPIRED  <b>Instance ID:</b> 18718  <b>Instance Type:</b> FS Highway Tank - Gas/Diesel  <b>Description:</b> FS HIGHWAY TANK - GASOLINE/DIESEL  <b>TSSA Program Area:</b>  <b>Maximum Hazard Rank:</b>  <b>Facility Type:</b>  <b>Expired Date:</b>  <b>Original Source:</b> EXP  <b>Record Date:</b> Up to Mar 2012</p>					
<a href="#">26</a>	7 of 16	N/161.5	174.8 / 0.00	VOLSCI CONSTRUCTION CO LTD 8230 OAKWOOD DR NIAGARA FALLS ON	DTNK
<b><u>Delisted Expired Fuel Safety</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Facilities</b>					
<b>Instance No:</b>		10472786			
<b>Status:</b>		EXPIRED			
<b>Instance ID:</b>		22107			
<b>Instance Type:</b>		FS Highway Tank - Gas/Diesel			
<b>Description:</b>		FS HIGHWAY TANK - GASOLINE/DIESEL			
<b>TSSA Program Area:</b>					
<b>Maximum Hazard Rank:</b>					
<b>Facility Type:</b>					
<b>Expired Date:</b>					
<b>Original Source:</b>		EXP			
<b>Record Date:</b>		Up to Mar 2012			
<a href="#">26</a>	8 of 16	N/161.5	174.8 / 0.00	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1441200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2009		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		237110			
<b>SIC Description:</b>		Water and Sewer Line and Related Structures Construction			
<b>Detail(s)</b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">26</a>	9 of 16	N/161.5	174.8 / 0.00	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1441200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2010		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		237110			
<b>SIC Description:</b>		Water and Sewer Line and Related Structures Construction			
<b>Detail(s)</b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">26</a>	10 of 16	N/161.5	174.8 / 0.00	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1441200		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		2011		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	Water and Sewer Line and Related Structures Construction				
<b>Detail(s)</b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">26</a>	11 of 16	N/161.5	174.8 / 0.00	<b>NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	Water and Sewer Line and Related Structures Construction				
<b>Detail(s)</b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">26</a>	12 of 16	N/161.5	174.8 / 0.00	<b>8230 Oakwood Dr Niagara Falls ON L2E6S5</b>	<b>EHS</b>
<b>Order No:</b>	20130711005			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	Niagara
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	19-JUL-13			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	11-JUL-13			<b>X:</b>	-79.120232
<b>Previous Site Name:</b>				<b>Y:</b>	43.056513
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Title Searches; City Directory				
<a href="#">26</a>	13 of 16	N/161.5	174.8 / 0.00	<b>NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON1441200			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">26</a>	14 of 16	N/161.5	174.8 / 0.00	Eugene T. Willick 8230 Oakwood Drive Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b>	2324-4JJMHH	<b>MOE District:</b> Niagara			
<b>Approval Date:</b>	2000-04-20	<b>City:</b>			
<b>Status:</b>	Approved	<b>Longitude:</b> -79.14856			
<b>Record Type:</b>	ECA	<b>Latitude:</b> 43.078407			
<b>Link Source:</b>	IDS	<b>Geometry X:</b>			
<b>SWP Area Name:</b>	Niagara Peninsula	<b>Geometry Y:</b>			
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	8230 Oakwood Drive				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	https://www.accessenvironment.ene.gov.on.ca/instruments/4088-4GUKB9-14.pdf				
<a href="#">26</a>	15 of 16	N/161.5	174.8 / 0.00	NEXTERRA SUBSTRUCTURES INCORPORATED 8230 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON1441200	<b>PO Box No:</b>			
<b>Status:</b>		<b>Country:</b> Canada			
<b>Approval Years:</b>	2014	<b>Choice of Contact:</b> CO_OFFICIAL			
<b>Contam. Facility:</b>	No	<b>Co Admin:</b> SAM M MANNELLA			
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b> 905-357-3176 Ext.			
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<a href="#">26</a>	16 of 16	N/161.5	174.8 / 0.00	8230 Oakwood Drive Niagara Falls ON	EHS
<b>Order No:</b>	20161102081	<b>Nearest Intersection:</b>			
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Standard Report	<b>Client Prov/State:</b> PA			
<b>Report Date:</b>	09-NOV-16	<b>Search Radius (km):</b> .25			
<b>Date Received:</b>	02-NOV-16	<b>X:</b> -79.12178			
<b>Previous Site Name:</b>		<b>Y:</b> 43.056577			
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos				
<a href="#">27</a>	1 of 1	SSW/16.2	183.0 / 8.20	MONTROSE RD Niagara Falls ON	WWIS
<b>Well ID:</b>	7231244	<b>Data Entry Status:</b>			
<b>Construction Date:</b>		<b>Data Src:</b>			
<b>Primary Water Use:</b>	Monitoring	<b>Date Received:</b> 11/10/2014			
<b>Sec. Water Use:</b>		<b>Selected Flag:</b> Yes			
<b>Final Well Status:</b>	Observation Wells	<b>Abandonment Rec:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water Type:</b>				<b>Contractor:</b>	7238
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z193941			<b>Owner:</b>	
<b>Tag:</b>	A169956			<b>Street Name:</b>	MONTROSE RD
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/723\7231244.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/723\7231244.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	1005209905	<b>Elevation:</b>	176.760848
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	652902
<b>Code OB Desc:</b>		<b>North83:</b>	4767380
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	10/3/2014	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1005283680
<b>Layer:</b>	5
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	06
<b>Mat2 Desc:</b>	SILT
<b>Mat3:</b>	06
<b>Mat3 Desc:</b>	SILT
<b>Formation Top Depth:</b>	30
<b>Formation End Depth:</b>	52
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	1005283682
<b>Layer:</b>	7
<b>Color:</b>	7
<b>General Color:</b>	RED
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	06

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		05			
<b>Mat3 Desc:</b>		CLAY			
<b>Formation Top Depth:</b>		57			
<b>Formation End Depth:</b>		75			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005283676			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		02			
<b>Mat3 Desc:</b>		TOPSOIL			
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005283681			
<b>Layer:</b>		6			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		05			
<b>Mat3 Desc:</b>		CLAY			
<b>Formation Top Depth:</b>		52			
<b>Formation End Depth:</b>		57			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005283684			
<b>Layer:</b>		9			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		15			
<b>Mat3 Desc:</b>		LIMESTONE			
<b>Formation Top Depth:</b>		88			
<b>Formation End Depth:</b>		94.667			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		1005283678			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		05			
<b>Mat3 Desc:</b>		CLAY			
<b>Formation Top Depth:</b>		4			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1005283683			
<b>Layer:</b>		8			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		06			
<b>Mat3 Desc:</b>		SILT			
<b>Formation Top Depth:</b>		75			
<b>Formation End Depth:</b>		88			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1005283679			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		06			
<b>Mat3 Desc:</b>		SILT			
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		30			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1005283677			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		28			
<b>Most Common Material:</b>		SAND			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		11			
<b>Mat3 Desc:</b>		GRAVEL			
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		4			
<b>Formation End Depth UOM:</b>		ft			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1005283692			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		88			
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1005283691			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1005283675			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1005283688			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		3			
<b>Depth To:</b>		90			
<b>Casing Diameter:</b>		2.5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1005283689			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		90			
<b>Screen End Depth:</b>					
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		2.5			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1005283687			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Hole ID:</b> 1005283685 <b>Diameter:</b> 8 <b>Depth From:</b> 0 <b>Depth To:</b> 8.667 <b>Hole Depth UOM:</b> ft <b>Hole Diameter UOM:</b> inch					
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b> 1005283686 <b>Diameter:</b> 4 <b>Depth From:</b> 8 <b>Depth To:</b> 94.667 <b>Hole Depth UOM:</b> ft <b>Hole Diameter UOM:</b> inch					
<a href="#">28</a>	1 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR CO. OF CANADA 9127 MONTROSE RD. NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> 8-2081-86- <b>Application Year:</b> 86 <b>Issue Date:</b> 6/6/1986 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> SCREEN CLEANING EXHAUST <b>Contaminants:</b> Methane (Incl. Hydrocarbons Expr. As Ch4) <b>Emission Control:</b> No Controls					
<a href="#">28</a>	2 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> 8-2078-89- <b>Application Year:</b> 89 <b>Issue Date:</b> 10/27/1989 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> RELOC. OF SILK SCREEN CLEANING OPERATION <b>Contaminants:</b> Methane (Incl. Hydrocarbons Expr. As Ch4) <b>Emission Control:</b> No Controls					
<a href="#">28</a>	3 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR COMPANY OF CANADA (NIAGARA GL 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> 8-2215-92- <b>Application Year:</b> 92 <b>Issue Date:</b> 11/26/1992 <b>Approval Type:</b> Industrial air					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		Approved     AIR AUTOCLAVE FOR LAM. AUTO W-SHIELDS Other Organic Compounds, Other Organic Compounds No Controls			
<a href="#">28</a>	4 of 48	SW/290.0	181.1 / 6.22	<b>FORD MOTOR COMPANY</b>  <b>NIAGARA FALLS ON</b>	SRDS
<b>Company Code:</b> <b>Works ID:</b> <b>SIC:</b> <b>SIC1:</b> <b>SIC1 Desc:</b> <b>SIC2:</b> <b>SIC2 Desc:</b> <b>SIC3:</b> <b>SIC3 Desc:</b> <b>Body of Water:</b> <b>Terminal Stream:</b> <b>SIC Desc:</b> <b>Mailing Address:</b> <b>Corp Address:</b>		0000020503  325 325          NIAGARA FALLS		<b>Sector:</b> <b>Region:</b> <b>District:</b> <b>UTM Zone:</b> <b>UTM Easting:</b> <b>UTM Northing:</b> <b>UTM Precision:</b> <b>Minor Basin:</b> <b>Major Basin:</b> <b>Report Year:</b>	1990-1994
<a href="#">28</a>	5 of 48	SW/290.0	181.1 / 6.22	<b>FORD MOTOR COMPANY OF CANADA</b> <b>9127 MONTROSE ROAD; BOX 1019</b> <b>NIAGARA FALLS ON L2E 6X3</b>	NPCB
<b>Company Code:</b> <b>Industry:</b> <b>Site Status:</b> <b>Transaction Date:</b> <b>Inspection Date:</b>		00300A   9/7/1990 9/15/1989			
<a href="#">28</a>	6 of 48	SW/290.0	181.1 / 6.22	<b>FORD MOTOR COMPANY OF CANADA, LIMITED</b> <b>9127 MONTROSE ROAD</b> <b>NIAGARA FALLS ON L2E 6X3</b>	NPCB
<b>Company Code:</b> <b>Industry:</b> <b>Site Status:</b> <b>Transaction Date:</b> <b>Inspection Date:</b>		F0597   1/29/1996			
<b>--Details--</b>					
<b>Label:</b> <b>Serial No.:</b> <b>PCB Type/Code:</b> <b>Location:</b> <b>Item/State:</b> <b>No. of Items:</b> <b>Manufacturer:</b> <b>Status:</b> <b>Contents:</b>		Askarel       Stored for Disposal 0.00 KG			
<b>Label:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Serial No.:</b> <b>PCB Type/Code:</b> Askarel <b>Location:</b> <b>Item/State:</b> <b>No. of Items:</b> <b>Manufacturer:</b> <b>Status:</b> Stored for Disposal <b>Contents:</b> 159.00 KG					
<a href="#">28</a>	7 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR CO. OF CANADA LTD. WELLAND RIVER NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b> 4524 <b>Site No:</b> <b>Incident Dt:</b> 5/31/1988 <b>Year:</b> <b>Incident Cause:</b> WASTEWATER DISCHARGE TO WATERCOURSE <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> WATER <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 5/31/1988 <b>Dt Document Closed:</b> <b>Incident Reason:</b> EQUIPMENT FAILURE <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> FORD GLASS - OILY WASH WATER TO WELLAND RIVER WHEN SUMP PUMP FAILED. <b>Contaminant Qty:</b>					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> 18101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767300.00 <b>Easting:</b> 652600.00 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>					
<a href="#">28</a>	8 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR CO. OF CANADA LTD. 9127 MONTROSE RD NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS CITY ON	SPL
<b>Ref No:</b> 85695 <b>Site No:</b> <b>Incident Dt:</b> 5/17/1993 <b>Year:</b> <b>Incident Cause:</b> OTHER CAUSE (N.O.S.) <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> POSSIBLE <b>Nature of Impact:</b> Water course or lake <b>Receiving Medium:</b> WATER <b>Receiving Env:</b> <b>MOE Response:</b>					
<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> 18101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> 4767300.00 <b>Easting:</b> 652600.00					

Map Key	Number of Records	Direction/Distance (m)	Elev/Diff (m)	Site	DB
<b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 5/17/1993 <b>Dt Document Closed:</b> <b>Incident Reason:</b> INTENTIONAL/PLANNED <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> FORD: OIL SHEEN TO RIVER.SUSPECT SOMEONE DUMPED 10 LTR TO DRAIN IN ERROR. <b>Contaminant Qty:</b>					
<a href="#">28</a>	9 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR COMPANY OF CANADA, LIMITED 9127 MONTROSE RD. DUPLICATE NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> 8-2084-89-000 <b>Application Year:</b> 89 <b>Issue Date:</b> 4/26/89 <b>Approval Type:</b> Industrial air <b>Status:</b> Application Cancelled <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> SILK SCREEN CLEANING PROCESS <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">28</a>	10 of 48	SW/290.0	181.1 / 6.22	9127 Montrose Avenue Niagara Falls ON	CA
<b>Certificate #:</b> 4-058-77-786 <b>Application Year:</b> 00 <b>Issue Date:</b> 10/10/00 <b>Approval Type:</b> Municipal & Private sewage <b>Status:</b> Approved <b>Application Type:</b> Notice <b>Client Name:</b> E.S. Fox Enterprises Inc. <b>Client Address:</b> 9127 Montrose Rd. <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 5S6 <b>Project Description:</b> Addition of Phosphorous removal using Alum to an existing package sewage treatment plant. <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">28</a>	11 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Construction 9127 Montrose Rd. Niagara Falls ON	CA
<b>Certificate #:</b> 0028-4LRSUX <b>Application Year:</b> 00 <b>Issue Date:</b> 7/17/00 <b>Approval Type:</b> Industrial air <b>Status:</b> Approved <b>Application Type:</b> New Certificate of Approval <b>Client Name:</b> E.S. Fox Enterprises Inc. <b>Client Address:</b> 9127 Montrose Rd. <b>Client City:</b> Niagara Falls <b>Client Postal Code:</b> L2E 5S6 <b>Project Description:</b> This application is for a certificate of approval for emissions to the atmosphere from a dust collector and associated					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
duct work and hoods for a tool cleaning station.					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">28</a>	12 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Enterprises Inc.</b> 9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls ON	<b>EBR</b>
<b>EBR Registry No:</b>		IA00E0797		<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>		1381-4JKR3Z		<b>Exception Posted:</b>	
<b>Notice Type:</b>		Instrument Decision		<b>Section:</b>	
<b>Notice Stage:</b>		800476685		<b>Act 1:</b>	
<b>Notice Date:</b>		July 24, 2000		<b>Act 2:</b>	
<b>Proposal Date:</b>		May 09, 2000		<b>Site Location Map:</b>	
<b>Year:</b>		2000			
<b>Instrument Type:</b>		(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)			
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>		E.S. Fox Enterprises Inc.			
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>		9127 Montrose Rd., Niagara Falls Ontario, L2E 5S6			
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>					
9127 Montrose Rd. Niagara Falls Ontario L2E 5S6 Niagara Falls					

<a href="#">28</a>	13 of 48	SW/290.0	181.1 / 6.22	<b>FORD MOTOR COMPANY OF CANADA, LIMITED</b> 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	<b>OPCB</b>
<b>Year:</b>		1995			
<b>Site Number:</b>		20392A043			
<b>Name Owner:</b>					
<b>Additional Site Information:</b>					
<b>--Details--</b>					
<b>Quantity:</b>		6.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Ballasts with High Level PCBs (>1000 ppm)			
<b>Quantity:</b>		1200.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Drums of Ballasts with High Level PCBs (>1000 ppm) kg			
<b>Quantity:</b>		20.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Capacitors with High Level PCBs (>1000 ppm)			
<b>Quantity:</b>		1.00			
<b>Address Site:</b>					
<b>Description:</b>		Number of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			
<b>Quantity:</b>		150.00			
<b>Address Site:</b>					
<b>Description:</b>		Weight of Drums of Other Material with Low Level PCBs (< 1000 ppm) kg			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	14 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR CO. OF CANADA LTD. NIAGARA GLASS PLANT P.O. BOX 1019, 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
<b>Generator No:</b>	ON0000205			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	86,87,88,89,90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3259				
<b>SIC Description:</b>	OTHER VEHICLE ACCES.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	232				
<b>Waste Class Desc:</b>	POLYMERIC RESINS				
<a href="#">28</a>	15 of 48	SW/290.0	181.1 / 6.22	FORD (OUT OF BUS) 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
<b>Generator No:</b>	ON0000205			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	92,93,95,96,97			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3259				
<b>SIC Description:</b>	OTHER VEHICLE ACCES.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	112				
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	133				
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	146				
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS				
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	212				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		233			
<b>Waste Class Desc:</b>		OTHER POLYMERIC WASTES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			

<b>28</b>	16 of 48	SW/290.0	181.1 / 6.22	FORD MOTOR COMPANY OF CANADA LTD. 15-110 NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN
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<b>Generator No:</b>	ON0000205	<b>PO Box No:</b>
<b>Status:</b>		<b>Country:</b>
<b>Approval Years:</b>	94	<b>Choice of Contact:</b>
<b>Contam. Facility:</b>		<b>Co Admin:</b>
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>
<b>SIC Code:</b>	3259	
<b>SIC Description:</b>	OTHER VEHICLE ACCES.	

**Detail(s)**

**Waste Class:** 145



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		133			
<b>Waste Class Desc:</b>		BRINES, CHLOR-ALKALI WASTES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		222			
<b>Waste Class Desc:</b>		HEAVY FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		233			
<b>Waste Class Desc:</b>		OTHER POLYMERIC WASTES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		243			
<b>Waste Class Desc:</b>		PCB'S			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	17 of 48	SW/290.0	181.1 / 6.22	FORD (OUT OF BUS) MOTOR COMPANY NIAGARA GLASS PLANT 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6X3	GEN

<b>Generator No:</b>	ON0000205	<b>PO Box No:</b>
<b>Status:</b>		<b>Country:</b>
<b>Approval Years:</b>	98	<b>Choice of Contact:</b>
<b>Contam. Facility:</b>		<b>Co Admin:</b>
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>
<b>SIC Code:</b>	3259	
<b>SIC Description:</b>	OTHER VEHICLE ACCES.	

**Detail(s)**

<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	133
<b>Waste Class Desc:</b>	BRINES, CHLOR-ALKALI WASTES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	222
<b>Waste Class Desc:</b>	HEAVY FUELS
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	233
<b>Waste Class Desc:</b>	OTHER POLYMERIC WASTES
<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	243
<b>Waste Class Desc:</b>	PCB'S
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		267			
<b>Waste Class Desc:</b>		ORGANIC ACIDS			
<b>Waste Class:</b>		270			
<b>Waste Class Desc:</b>		OTHER SPECIFIED ORGANICS			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">28</a>	18 of 48	SW/290.0	181.1 / 6.22	E.S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	96,97			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4244				
<b>SIC Description:</b>	SHEET METAL & DUCT.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<a href="#">28</a>	19 of 48	SW/290.0	181.1 / 6.22	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>
<b>Status:</b>		<b>Country:</b>
<b>Approval Years:</b>	98,99,00,01,02,03,04,05,06,07,08	<b>Choice of Contact:</b>
<b>Contam. Facility:</b>		<b>Co Admin:</b>
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>
<b>SIC Code:</b>	4244	
<b>SIC Description:</b>	SHEET METAL & DUCT.	

**Detail(s)**

<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	262
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS
<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Niagara Falls ON</b>					
<b>Year:</b>		2003			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Industrial Sewage			
<b>Sector:</b>		Miscellaneous			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		C of A Non-Compliance			
<b>Contaminant:</b>		Phosphorus			
<b>Status Report:</b>					
<b><u>Details</u></b>					
<b>Incident Date:</b>		8/14/2003			
<b>Exceedance Start Date:</b>					
<b>Exceedance End Date:</b>					
<b>Limit/Unit/Freq:</b>		1 mg/L /annum			
<b>Quantity Min/Max:</b>		1.07/			
<b>Facility Action:</b>		Other			
<b>Ministry Action:</b>		Assessment Complete - No Further Action Required			
<b><u>28</u></b>	<b>21 of 48</b>	<b>SW/290.0</b>	<b>181.1 / 6.22</b>	<b>E.S. Fox Enterprises Inc. 9127 Montrose Road Niagara Falls ON</b>	<b>NCPL</b>
<b>Year:</b>		2003			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Industrial Sewage			
<b>Sector:</b>		Miscellaneous			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		C of A Non-Compliance			
<b>Contaminant:</b>		Total Suspended Solids			
<b>Status Report:</b>					
<b><u>Details</u></b>					
<b>Incident Date:</b>		8/14/2003			
<b>Exceedance Start Date:</b>					
<b>Exceedance End Date:</b>					
<b>Limit/Unit/Freq:</b>		25 mg/L /annum			
<b>Quantity Min/Max:</b>		32/			
<b>Facility Action:</b>		Other			
<b>Ministry Action:</b>		Assessment Complete - No Further Action Required			
<b><u>28</u></b>	<b>22 of 48</b>	<b>SW/290.0</b>	<b>181.1 / 6.22</b>	<b>E.S. Fox Ltd. 9127 Montrose Rd Niagara Falls ON L2E 6S5</b>	<b>SCT</b>
<b>Established:</b>		01-AUG-34			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b><u>--Details--</u></b>					
<b>Description:</b>		Other Plate Work and Fabricated Structural Product Manufacturing			
<b>SIC/NAICS Code:</b>		332319			
<b>Description:</b>		Industrial Building and Structure Construction			
<b>SIC/NAICS Code:</b>		236210			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Description:</b>		Mining and Oil and Gas Field Machinery Manufacturing			
<b>SIC/NAICS Code:</b>		333130			
<b>Description:</b>		Other Ornamental and Architectural Metal Product Manufacturing			
<b>SIC/NAICS Code:</b>		332329			
<b>Description:</b>		Engineering Services			
<b>SIC/NAICS Code:</b>		541330			
<b>Description:</b>		Metal Tank (Heavy Gauge) Manufacturing			
<b>SIC/NAICS Code:</b>		332420			
<a href="#">28</a>	23 of 48	SW/290.0	181.1 / 6.22	E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON	FSTH
<b>License Issue Date:</b>		1/8/1999			
<b>Tank Status:</b>		Licensed			
<b>Tank Status As Of:</b>		August 2007			
<b>Operation Type:</b>		Private Fuel Outlet			
<b>Facility Type:</b>		Gasoline Station - Self Serve			
<b>--Details--</b>					
<b>Status:</b>		Active			
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		25000			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall AST - Gasoline			
<b>Status:</b>		Active			
<b>Year of Installation:</b>					
<b>Corrosion Protection:</b>					
<b>Capacity:</b>		15000			
<b>Tank Fuel Type:</b>		Liquid Fuel Single Wall AST - Diesel			
<a href="#">28</a>	24 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
<b>Year:</b>		2007			
<b>Site Name:</b>					
<b>Facility Owner:</b>					
<b>Discharge Type:</b>		Municipal Private Sewage			
<b>Sector:</b>		Miscellaneous			
<b>District Area:</b>		Niagara			
<b>Type of Concern:</b>		C of A/Permit Non-Compliance			
<b>Contaminant:</b>		LOW PH EFFLUENT			
<b>Status Report:</b>					
<b>Details</b>					
<b>Incident Date:</b>		1/1/2007			
<b>Exceedance Start Date:</b>		1/1/2007			
<b>Exceedance End Date:</b>		12/31/2007			
<b>Limit/Unit/Freq:</b>		6 pH			
<b>Quantity Min/Max:</b>		0/5.1			
<b>Facility Action:</b>		Ceased Operations			
<b>Ministry Action:</b>		Other Abatement Action Taken			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	25 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
Year:		2007			
Site Name:					
Facility Owner:					
Discharge Type:		Municipal Private Sewage			
Sector:		Miscellaneous			
District Area:		Niagara			
Type of Concern:		C of A/Permit Non-Compliance			
Contaminant:		PHOSPHORUS			
Status Report:					
<b><u>Details</u></b>					
Incident Date:		12/31/2007			
Exceedance Start Date:		2/28/2007			
Exceedance End Date:		12/31/2007			
Limit/Unit/Freq:		1 mg/L			
Quantity Min/Max:		1.3/3.88			
Facility Action:		Ceased Operations			
Ministry Action:		Other Abatement Action Taken			
<a href="#">28</a>	26 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
Year:		2007			
Site Name:					
Facility Owner:					
Discharge Type:		Municipal Private Sewage			
Sector:		Miscellaneous			
District Area:		Niagara			
Type of Concern:		C of A/Permit Non-Compliance			
Contaminant:		SUSPENDED SOLIDS			
Status Report:					
<b><u>Details</u></b>					
Incident Date:		12/31/2007			
Exceedance Start Date:		1/1/2007			
Exceedance End Date:		12/31/2007			
Limit/Unit/Freq:		25 mg/L			
Quantity Min/Max:		125.2/125.2			
Facility Action:		Ceased Operations			
Ministry Action:		Other Abatement Action Taken			
<a href="#">28</a>	27 of 48	SW/290.0	181.1 / 6.22	E S FOX LTD 9127 MONTROSE RD NIAGARA FALLS ON	FSTH
License Issue Date:		1/8/1999			
Tank Status:		Licensed			
Tank Status As Of:		December 2008			
Operation Type:		Private Fuel Outlet			
Facility Type:		Gasoline Station - Self Serve			
<b><u>--Details--</u></b>					
Status:		Active			
Year of Installation:					
Corrosion Protection:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Capacity:</b> 25000 <b>Tank Fuel Type:</b> Liquid Fuel Single Wall AST - Gasoline  <b>Status:</b> Active <b>Year of Installation:</b> <b>Corrosion Protection:</b> <b>Capacity:</b> 15000 <b>Tank Fuel Type:</b> Liquid Fuel Single Wall AST - Diesel					
<a href="#">28</a>	28 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Enterprises Inc. 9127 Montrose Ave Niagara Falls ON	NCPL
<b>Year:</b> 2008 <b>Site Name:</b> <b>Facility Owner:</b> <b>Discharge Type:</b> Private Sewage <b>Sector:</b> Miscellaneous Communal <b>District Area:</b> Niagara <b>Type of Concern:</b> CofA/Permit Non-Compliance <b>Contaminant:</b> PHOSPHORUS <b>Status Report:</b>					
<b><u>Details</u></b>					
<b>Incident Date:</b> 2/29/2008 <b>Exceedance Start Date:</b> 1/1/2008 <b>Exceedance End Date:</b> 2/29/2008 <b>Limit/Unit/Freq:</b> 1 mg/L <b>Quantity Min/Max:</b> 1.3/3.88 <b>Facility Action:</b> Ceased Operations <b>Ministry Action:</b> Other Abatement Action Taken					
<a href="#">28</a>	29 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Limited 9127 Montrose Rd Niagara Falls ON	CA
<b>Certificate #:</b> 5161-7SEKCC <b>Application Year:</b> 2009 <b>Issue Date:</b> 5/31/2009 <b>Approval Type:</b> Air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">28</a>	30 of 48	SW/290.0	181.1 / 6.22	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b> ON0214904 <b>Status:</b> <b>Approval Years:</b> 2009 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 238990				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>SIC Description:</b>		All Other Specialty Trade Contractors			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			

<b>28</b>	<b>31 of 48</b>	<b>SW/290.0</b>	<b>181.1 / 6.22</b>	<b>E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2010			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
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**SIC Code:** 238990  
**SIC Description:** All Other Specialty Trade Contractors

**Detail(s)**

<b>Waste Class:</b>	231
<b>Waste Class Desc:</b>	LATEX WASTES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	253
<b>Waste Class Desc:</b>	EMULSIFIED OILS
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	262
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS
<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES

<b><u>28</u></b>	<b>32 of 48</b>	<b>SW/290.0</b>	<b>181.1 / 6.22</b>	<b>E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON</b>	<b>GEN</b>
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**Generator No:** ON0214904 **PO Box No:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2011			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990				
<b>SIC Description:</b>		All Other Specialty Trade Contractors			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	33 of 48	SW/290.0	181.1 / 6.22	E.S. FOX LTD ** 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	FST
<b>Instance No:</b> 11485869 <b>Manufacturer:</b> NULL <b>Status:</b> Active <b>Serial No:</b> NULL <b>Cont Name:</b> <b>Ulc Standard:</b> NULL <b>Instance Type:</b> FS Liquid Fuel Tank <b>Quantity:</b> 1 <b>Item:</b> FS LIQUID FUEL TANK <b>Unit of Measure:</b> EA <b>Item Description:</b> FS Liquid Fuel Tank <b>Fuel Type:</b> Diesel <b>Tank Type:</b> Single Wall Horizontal AST <b>Fuel Type2:</b> NULL <b>Install Date:</b> 4/16/1997 <b>Fuel Type3:</b> NULL <b>Install Year:</b> NULL <b>Piping Steel:</b> <b>Years in Service:</b> 14 <b>Piping Galvanized:</b> <b>Model:</b> NULL <b>Tanks Single Wall St:</b> <b>Description:</b> <b>Piping Underground:</b> <b>Capacity:</b> 15000 <b>Num Underground:</b> <b>Tank Material:</b> Steel <b>Panam Related:</b> NULL <b>Corrosion Protect:</b> Coating <b>Panam Venue:</b> NULL <b>Overfill Protect:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Parent Facility Type:</b> Fuels Safety Private Fuel Outlet - Self Serve <b>Facility Location:</b> 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA <b>Device Installed Location:</b> 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA					
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b> E.S. FOX LTD **					
<b><u>Liquid Fuel Tank Details</u></b>					
<b>Overfill Protection:</b> NULL					
<b>Owner Account Name:</b> E.S. FOX LTD **					

<a href="#">28</a>	34 of 48	SW/290.0	181.1 / 6.22	E.S. FOX LTD ** 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA ON	FST
<b>Instance No:</b> 11485849 <b>Manufacturer:</b> NULL <b>Status:</b> Active <b>Serial No:</b> NULL <b>Cont Name:</b> <b>Ulc Standard:</b> NULL <b>Instance Type:</b> FS Liquid Fuel Tank <b>Quantity:</b> 1 <b>Item:</b> FS LIQUID FUEL TANK <b>Unit of Measure:</b> EA <b>Item Description:</b> FS Liquid Fuel Tank <b>Fuel Type:</b> Gasoline <b>Tank Type:</b> Single Wall Horizontal AST <b>Fuel Type2:</b> NULL <b>Install Date:</b> 4/16/1997 <b>Fuel Type3:</b> NULL <b>Install Year:</b> NULL <b>Piping Steel:</b> <b>Years in Service:</b> 14 <b>Piping Galvanized:</b> <b>Model:</b> NULL <b>Tanks Single Wall St:</b> <b>Description:</b> <b>Piping Underground:</b> <b>Capacity:</b> 25000 <b>Num Underground:</b> <b>Tank Material:</b> Steel <b>Panam Related:</b> NULL <b>Corrosion Protect:</b> Coating <b>Panam Venue:</b> NULL <b>Overfill Protect:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Parent Facility Type:</b> Fuels Safety Private Fuel Outlet - Self Serve <b>Facility Location:</b> 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA <b>Device Installed Location:</b> 9127 MONTROSE RD PO BOX 1010 NIAGARA FALLS L2E 7J9 ON CA					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Fuel Storage Tank Details</u></b>					
Owner Account Name:		E.S. FOX LTD **			
<b><u>Liquid Fuel Tank Details</u></b>					
Overfill Protection:	NULL				
Owner Account Name:		E.S. FOX LTD **			

<a href="#">28</a>	35 of 48	SW/290.0	181.1 / 6.22	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
Generator No:	ON0214904			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	238990				
SIC Description:	All Other Specialty Trade Contractors				

**Detail(s)**

Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	150				
Waste Class Desc:	INERT INORGANIC WASTES				
Waste Class:	232				
Waste Class Desc:	POLYMERIC RESINS				
Waste Class:	253				
Waste Class Desc:	EMULSIFIED OILS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	262				
Waste Class Desc:	DETERGENTS/SOAPS				
Waste Class:	231				
Waste Class Desc:	LATEX WASTES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
Waste Class:	268				
Waste Class Desc:	AMINES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	122				

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<a href="#"><u>28</u></a>	36 of 48	SW/290.0	181.1 / 6.22	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON0214904			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238990				
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS				

**Detail(s)**

<b>Waste Class:</b>	241
<b>Waste Class Desc:</b>	HALOGENATED SOLVENTS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	112
<b>Waste Class Desc:</b>	ACID WASTE - HEAVY METALS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	231
<b>Waste Class Desc:</b>	LATEX WASTES
<b>Waste Class:</b>	232
<b>Waste Class Desc:</b>	POLYMERIC RESINS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			

<a href="#">28</a>	37 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Limited</b> 9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	<b>EBR</b>
<b>EBR Registry No:</b>	012-3028			<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	1281-9P2KU8			<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision			<b>Section:</b>	
<b>Notice Stage:</b>	821895251			<b>Act 1:</b>	
<b>Notice Date:</b>	October 06, 2015			<b>Act 2:</b>	
<b>Proposal Date:</b>	November 20, 2014			<b>Site Location Map:</b>	
<b>Year:</b>	2014				
<b>Instrument Type:</b>	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)				
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					
<b>Company Name:</b>	E.S. Fox Limited				
<b>Site Address:</b>					
<b>Location Other:</b>					
<b>Proponent Name:</b>					
<b>Proponent Address:</b>	9127 Montrose Road, Niagara Falls Ontario, Canada L2E 7J9				
<b>Comment Period:</b>					
<b>URL:</b>					
<b>Site Location Details:</b>	9127 Montrose Road Niagara Falls, Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS				

<a href="#">28</a>	38 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Limited</b> 9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS ON	<b>EBR</b>
<b>EBR Registry No:</b>	012-4672			<b>Decision Posted:</b>	
<b>Ministry Ref No:</b>	7256-9PNJ2W			<b>Exception Posted:</b>	
<b>Notice Type:</b>	Instrument Decision			<b>Section:</b>	
<b>Notice Stage:</b>	822919852			<b>Act 1:</b>	
<b>Notice Date:</b>	April 25, 2016			<b>Act 2:</b>	
<b>Proposal Date:</b>	July 17, 2015			<b>Site Location Map:</b>	
<b>Year:</b>	2015				
<b>Instrument Type:</b>	(EPA Part II.1-air) - Environmental Compliance Approval (project type: air)				
<b>Off Instrument Name:</b>					
<b>Posted By:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Company Name:</b> <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> <b>Comment Period:</b> <b>URL:</b>		E.S. Fox Limited			
<b>Site Location Details:</b>  9127 Montrose Road Niagara Falls Regional Municipality of Niagara L2E 7J9 CITY OF NIAGARA FALLS					
<a href="#">28</a>	39 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Limited</b> <b>9127 Montrose Rd</b> <b>Niagara Falls ON L2E 7J9</b>	ECA
<b>Approval No:</b> 9177-9ZJJFQ <b>Approval Date:</b> 2015-09-28 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9127 Montrose Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1281-9P2KU8-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1281-9P2KU8-14.pdf</a>		<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.06785599999999 <b>Latitude:</b> 43.10657 <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">28</a>	40 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Limited</b> <b>9127 Montrose Rd</b> <b>Niagara Falls ON L2E 7J9</b>	ECA
<b>Approval No:</b> 1032-A8XP6J <b>Approval Date:</b> 2016-04-18 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9127 Montrose Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7256-9PNJ2W-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7256-9PNJ2W-14.pdf</a>		<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.06785599999999 <b>Latitude:</b> 43.10657 <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">28</a>	41 of 48	SW/290.0	181.1 / 6.22	<b>E.S. Fox Enterprises Inc.</b> <b>9127 Montrose Avenue</b> <b>Niagara Falls ON L2E 5S6</b>	ECA
<b>Approval No:</b> 4-058-77-786 <b>Approval Date:</b> 2000-10-10 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 9127 Montrose Avenue <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6004-4L9JVH-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6004-4L9JVH-14.pdf</a>		<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.06785599999999 <b>Latitude:</b> 43.10657 <b>Geometry X:</b> <b>Geometry Y:</b>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">28</a>	42 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Enterprises Inc. 9127 Montrose Rd. Niagara Falls ON L2E 5S6	ECA
<p> <b>Approval No:</b> 0028-4LRSUX  <b>Approval Date:</b> 2000-07-17  <b>Status:</b> Revoked and/or Replaced  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b> Niagara Peninsula  <b>Approval Type:</b> ECA-AIR  <b>Project Type:</b> AIR  <b>Address:</b> 9127 Montrose Rd.  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1381-4JKR3Z-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1381-4JKR3Z-14.pdf</a> </p> <p> <b>MOE District:</b> Niagara  <b>City:</b>  <b>Longitude:</b> -79.06785599999999  <b>Latitude:</b> 43.10657  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">28</a>	43 of 48	SW/290.0	181.1 / 6.22	E.S. Fox Limited 9127 Montrose Rd Niagara Falls ON L2E 7J9	ECA
<p> <b>Approval No:</b> 5161-7SEKCC  <b>Approval Date:</b> 2009-05-31  <b>Status:</b> Revoked and/or Replaced  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b> Niagara Peninsula  <b>Approval Type:</b> ECA-AIR  <b>Project Type:</b> AIR  <b>Address:</b> 9127 Montrose Rd  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4512-7RCPL9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4512-7RCPL9-14.pdf</a> </p> <p> <b>MOE District:</b> Niagara  <b>City:</b>  <b>Longitude:</b> -79.06785599999999  <b>Latitude:</b> 43.10657  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">28</a>	44 of 48	SW/290.0	181.1 / 6.22	E. S. FOX LIMITED 9127 MONTROSE ROAD NIAGARA FALLS ON L2E 6S5	GEN
<p> <b>Generator No:</b> ON0214904  <b>Status:</b>  <b>Approval Years:</b> 2015  <b>Contam. Facility:</b> No  <b>MHSW Facility:</b> No  <b>SIC Code:</b> 238990  <b>SIC Description:</b> ALL OTHER SPECIALTY TRADE CONTRACTORS </p> <p> <b>PO Box No:</b>  <b>Country:</b> Canada  <b>Choice of Contact:</b> CO_ADMIN  <b>Co Admin:</b> Cory Young  <b>Phone No Admin:</b> 905-354-3700 Ext.260 </p>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 252					
<b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<b>Waste Class:</b> 212					
<b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					
<b>Waste Class:</b> 112					
<b>Waste Class Desc:</b> ACID WASTE - HEAVY METALS					
<b>Waste Class:</b> 221					
<b>Waste Class Desc:</b> LIGHT FUELS					
<b>Waste Class:</b> 232					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			

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9127 MONTROSE ROAD      GEN  
NIAGARA FALLS ON L2E 6S5

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2016	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Cory Young
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	905-354-3700 Ext.260
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS		

**Detail(s)**

<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	150
<b>Waste Class Desc:</b>	INERT INORGANIC WASTES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		268			
<b>Waste Class Desc:</b>		AMINES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			

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9127 MONTROSE ROAD      GEN  
NIAGARA FALLS ON L2E 6S5

<b>Generator No:</b>	ON0214904	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2014	<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Cory Young
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	905-354-3700 Ext.260
<b>SIC Code:</b>	238990		
<b>SIC Description:</b>	ALL OTHER SPECIALTY TRADE CONTRACTORS		

**Detail(s)**

<b>Waste Class:</b>	268
<b>Waste Class Desc:</b>	AMINES
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		112			
<b>Waste Class Desc:</b>		ACID WASTE - HEAVY METALS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		150			
<b>Waste Class Desc:</b>		INERT INORGANIC WASTES			
<b>Waste Class:</b>		231			
<b>Waste Class Desc:</b>		LATEX WASTES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		232			
<b>Waste Class Desc:</b>		POLYMERIC RESINS			
<b>Waste Class:</b>		253			
<b>Waste Class Desc:</b>		EMULSIFIED OILS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		241			
<b>Waste Class Desc:</b>		HALOGENATED SOLVENTS			

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SW/290.0

181.1 / 6.22

**E. S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**

**GEN**

**Generator No:** ON0214904  
**Status:** Registered  
**Approval Years:** As of Dec 2018  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

Detail(s)

**Waste Class:** 112 C

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		145 L			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		150 L			
<b>Waste Class Desc:</b>		Inert organic wastes			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		231 L			
<b>Waste Class Desc:</b>		Latex wastes			
<b>Waste Class:</b>		232 C			
<b>Waste Class Desc:</b>		Polymeric resins			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		268 C			
<b>Waste Class Desc:</b>		Amines			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			

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SW/290.0

181.1 / 6.22

**E. S. FOX LIMITED**  
**9127 MONTROSE ROAD**  
**NIAGARA FALLS ON L2E 6S5**

**GEN**

**Generator No:** ON0214904  
**Status:** Registered  
**Approval Years:** As of Jul 2020  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		241 H			
<b>Waste Class Desc:</b>		Halogenated solvents and residues			
<b>Waste Class:</b>		231 L			
<b>Waste Class Desc:</b>		Latex wastes			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		145 L			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		150 L			
<b>Waste Class Desc:</b>		Inert organic wastes			
<b>Waste Class:</b>		268 C			
<b>Waste Class Desc:</b>		Amines			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		263 B			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		232 C			
<b>Waste Class Desc:</b>		Polymeric resins			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			

[29](#)

1 of 3

**N/243.7**

**174.4 / -0.48**

**Dorchester Road and Chippawa Parkway  
Niagara Falls ON L2E 6X8**

**EHS**

**Order No:** 20190527059  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 29-JAN-20  
**Date Received:** 27-MAY-19

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** -79.12002103

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>				Y: 43.05709471	
<a href="#">29</a>	2 of 3	N/243.7	174.4 / -0.48	Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	EHS
<b>Order No:</b> 20190527059 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 29-JAN-20 <b>Date Received:</b> 27-MAY-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.12002103 <b>Y:</b> 43.05709471			
<a href="#">29</a>	3 of 3	N/243.7	174.4 / -0.48	Dorchester Road and Chippawa Parkway Niagara Falls ON L2E 6X8	EHS
<b>Order No:</b> 20190527059 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 29-JAN-20 <b>Date Received:</b> 27-MAY-19 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.12002103 <b>Y:</b> 43.05709471			
<a href="#">30</a>	1 of 1	N/121.9	174.8 / 0.00	lot 211 ON	WWIS
<b>Well ID:</b> 6601402 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 7/25/1960 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3409 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY <b>Site Info:</b> <b>Lot:</b> 211 <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>			
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601402.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601402.pdf</a>			
<b><u>Bore Hole Information</u></b>					
<b>Bore Hole ID:</b> 10461136 <b>DP2BR:</b> 62 <b>Spatial Status:</b> <b>Code OB:</b> r		<b>Elevation:</b> 175.178787 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 652971.9			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	4768873
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	3/22/1960			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932591622  
**Layer:** 3  
**Color:**  
**General Color:**  
**Mat1:** 17  
**Most Common Material:** SHALE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 62  
**Formation End Depth:** 64  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932591620  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 48  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932591623  
**Layer:** 4  
**Color:**  
**General Color:**  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 64  
**Formation End Depth:** 65  
**Formation End Depth UOM:** ft



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591621			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		09			
<b>Mat2 Desc:</b>		MEDIUM SAND			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		48			
<b>Formation End Depth:</b>		62			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601402			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009706			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749084			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		64			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749085			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		65			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601402			
<b>Pump Set At:</b>					
<b>Static Level:</b>		12			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Level After Pumping:</b>		25			
<b>Recommended Pump Depth:</b>		28			
<b>Pumping Rate:</b>		22			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		24			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		5			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948681			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		64			
<b>Water Found Depth UOM:</b>		ft			

<u>31</u>	1 of 1	N/113.6	174.8 / 0.00	ON	WWIS
<b>Well ID:</b>	6601226			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	5/28/1963
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601226.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601226.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10460960	<b>Elevation:</b>	175.297042
<b>DP2BR:</b>	61	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652961.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4768916
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	5
<b>Date Completed:</b>	5/13/1963	<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>		<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932590911			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		42			
<b>Formation End Depth:</b>		61			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932590910			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		42			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932590912			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		61			
<b>Formation End Depth:</b>		62			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966601226			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>			11009530		
<b>Casing No:</b>			1		
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930748778		
<b>Layer:</b>			2		
<b>Material:</b>			4		
<b>Open Hole or Material:</b>			OPEN HOLE		
<b>Depth From:</b>					
<b>Depth To:</b>			62		
<b>Casing Diameter:</b>			7		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>			930748777		
<b>Layer:</b>			1		
<b>Material:</b>			1		
<b>Open Hole or Material:</b>			STEEL		
<b>Depth From:</b>					
<b>Depth To:</b>			61		
<b>Casing Diameter:</b>			7		
<b>Casing Diameter UOM:</b>			inch		
<b>Casing Depth UOM:</b>			ft		
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>			996601226		
<b>Pump Set At:</b>					
<b>Static Level:</b>			18		
<b>Final Level After Pumping:</b>			45		
<b>Recommended Pump Depth:</b>			45		
<b>Pumping Rate:</b>			17		
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>			5		
<b>Levels UOM:</b>			ft		
<b>Rate UOM:</b>			GPM		
<b>Water State After Test Code:</b>			2		
<b>Water State After Test:</b>			CLOUDY		
<b>Pumping Test Method:</b>			1		
<b>Pumping Duration HR:</b>			2		
<b>Pumping Duration MIN:</b>			0		
<b>Flowing:</b>			No		
<b><u>Water Details</u></b>					
<b>Water ID:</b>			933948504		
<b>Layer:</b>			1		
<b>Kind Code:</b>			1		
<b>Kind:</b>			FRESH		
<b>Water Found Depth:</b>			62		
<b>Water Found Depth UOM:</b>			ft		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">32</a>	1 of 9	SSW/26.0	176.3 / 1.47	The Regional Municipality of Niagara 9240 Montrose Rd Niagara Falls ON	SPL
<b>Ref No:</b>	3453-7S XK5M			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge Or Bypass To A Watercourse			<b>Sector Type:</b>	Sewage Treatment
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SEWAGE,RAW UNCHLORINATED			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Not Anticipated			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Surface Water Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	NA
<b>MOE Response:</b>	Deferred Field Response			<b>Easting:</b>	NA
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	6/12/2009			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Watercourse Spills
<b>Incident Reason:</b>	Frost Heave			<b>Source Type:</b>	
<b>Site Name:</b>	Grassy Brook				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Niagara Falls WPCP: Unkn Vol Sewage to Ditch				
<b>Contaminant Qty:</b>					

<a href="#">32</a>	2 of 9	SSW/26.0	176.3 / 1.47	The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON	CA
<b>Certificate #:</b>	2948-6XKLQQ				
<b>Application Year:</b>	2007				
<b>Issue Date:</b>	2/1/2007				
<b>Approval Type:</b>	Air				
<b>Status:</b>	Revoked and/or Replaced				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">32</a>	3 of 9	SSW/26.0	176.3 / 1.47	The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON	CA
<b>Certificate #:</b>	7563-6ZLNQ9A				
<b>Application Year:</b>	2007				
<b>Issue Date:</b>	4/5/2007				
<b>Approval Type:</b>	Municipal and Private Sewage Works				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">32</a>	4 of 9	SSW/26.0	176.3 / 1.47	<b>The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON</b>	CA
<b>Certificate #:</b>		7765-6XGS37			
<b>Application Year:</b>		2007			
<b>Issue Date:</b>		3/1/2007			
<b>Approval Type:</b>		Municipal and Private Sewage Works			
<b>Status:</b>		Revoked and/or Replaced			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">32</a>	5 of 9	SSW/26.0	176.3 / 1.47	<b>The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b>		2948-6XKLQQ		<b>MOE District:</b> Niagara	
<b>Approval Date:</b>		2007-02-01		<b>City:</b>	
<b>Status:</b>		Revoked and/or Replaced		<b>Longitude:</b> -79.12241	
<b>Record Type:</b>		ECA		<b>Latitude:</b> 43.043842	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>		Niagara Peninsula		<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-AIR			
<b>Project Type:</b>		AIR			
<b>Address:</b>		9240 Montrose Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4938-6V5SNW-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4938-6V5SNW-14.pdf</a>			
<a href="#">32</a>	6 of 9	SSW/26.0	176.3 / 1.47	<b>The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b>		7563-6ZLNQ9A		<b>MOE District:</b> Niagara	
<b>Approval Date:</b>		2007-04-05		<b>City:</b>	
<b>Status:</b>		Approved		<b>Longitude:</b> -79.12241	
<b>Record Type:</b>		ECA		<b>Latitude:</b> 43.043842	
<b>Link Source:</b>		IDS		<b>Geometry X:</b>	
<b>SWP Area Name:</b>		Niagara Peninsula		<b>Geometry Y:</b>	
<b>Approval Type:</b>		ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Project Type:</b>		MUNICIPAL AND PRIVATE SEWAGE WORKS			
<b>Address:</b>		9240 Montrose Rd			
<b>Full Address:</b>					
<b>Full PDF Link:</b>		<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4461-6ZLNPR6-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4461-6ZLNPR6-14.pdf</a>			
<a href="#">32</a>	7 of 9	SSW/26.0	176.3 / 1.47	<b>The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b>		7765-6XGS37		<b>MOE District:</b> Niagara	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Date:</b> 2007-03-01 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 9240 Montrose Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0700-6V5SRT-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0700-6V5SRT-14.pdf</a>					
<a href="#">32</a>	8 of 9	SSW/26.0	176.3 / 1.47	<b>The Corporation of the City of Niagara Falls 9240 Montrose Rd Niagara Falls ON L2E 6X5</b>	ECA
<b>Approval No:</b> 8120-72DGYB <b>Approval Date:</b> 2007-06-10 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9240 Montrose Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7439-72BMN7-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7439-72BMN7-14.pdf</a>					
<a href="#">32</a>	9 of 9	SSW/26.0	176.3 / 1.47	<b>The Regional Municipality of Niagara 9240 Montrose Rd; 3450 Stanley Ave Niagara Falls; Niagara Falls ON</b>	SPL
<b>Ref No:</b> 0536-AUXNAA <b>Site No:</b> 9082-6V5SPS; 2652-5E2MNX <b>Incident Dt:</b> 2018/01/12 <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> Process Upset/Malfunction <b>Contaminant Code:</b> 44 <b>Contaminant Name:</b> SEWAGE,RAW UNCHLORINATED <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> n/a <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Land <b>MOE Response:</b> No <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 2018/01/12 <b>Dt Document Closed:</b> 2018/03/08 <b>Incident Reason:</b> Equipment Failure <b>Site Name:</b> Grassy Brook; WW Niagara Falls - Stamford WPCP <b>Site County/District:</b> Regional Municipality of Niagara; Regional Municipality of Niagara <b>Site Geo Ref Meth:</b> NA; 10 -100 metres eg. Topographic Map <b>Incident Summary:</b> DWMD WW Spills - Niagara Falls - Grassy Brook SPS - Sewage - Jan 12 2018 <b>Contaminant Qty:</b> 0.1 m <sup>3</sup>					
<a href="#">33</a>	1 of 1	N/156.5	177.0 / 2.13	<b>8108 Oakwood Drive Niagara Falls ON L2E 6S5</b>	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Order No:</b>	20100121014			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	2/1/2010			<b>Search Radius (km):</b>	0.25
<b>Date Received:</b>	1/21/2010			<b>X:</b>	-79.121126
<b>Previous Site Name:</b>				<b>Y:</b>	43.058488
<b>Lot/Building Size:</b>	150 x 862 +/- 3 acres				
<b>Additional Info Ordered:</b>	Fire Insur. Maps and/or Site Plans; Aerial Photos;				

<a href="#">34</a>	1 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	99,00,01,02,03,04,05,06,07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4299				
<b>SIC Description:</b>	OTHER TRADE WORK				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">34</a>	2 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238910, 484222				
<b>SIC Description:</b>	Site Preparation Contractors, Dry Bulk Materials Trucking Local				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">34</a>	3 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238910, 484222				
<b>SIC Description:</b>	SITE PREPARATION CONTRACTORS, DRY BULK MATERIALS TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">34</a>	4 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Larry Warden
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-7823 Ext.
<b>SIC Code:</b>	238910, 484222				
<b>SIC Description:</b>	SITE PREPARATION CONTRACTORS, DRY BULK MATERIALS TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">34</a>	5 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Larry Warden
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-7823 Ext.
<b>SIC Code:</b>	238910, 484222				
<b>SIC Description:</b>	SITE PREPARATION CONTRACTORS, DRY BULK MATERIALS TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">34</a>	6 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Larry Warden
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-7823 Ext.
<b>SIC Code:</b>	238910, 484222				
<b>SIC Description:</b>	SITE PREPARATION CONTRACTORS, DRY BULK MATERIALS TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<a href="#">34</a>	7 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b>	ON2535600			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>SIC Code:</b> <b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<a href="#">34</a>	8 of 8	N/124.2	177.0 / 2.17	<b>KEN WARDEN CONSTRUCTION LTD.</b> 8066 Oakwood Drive Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON2535600 Registered As of Oct 2019		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
		Canada			
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<a href="#">35</a>	1 of 1	NNW/16.3	175.8 / 1.00	lot 210 ON	WWIS
<b>Well ID:</b> <b>Construction Date:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Final Well Status:</b> <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>		6601396 Commerical 0 Water Supply		<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> <b>Selected Flag:</b> <b>Abandonment Rec:</b> <b>Contractor:</b> <b>Form Version:</b> <b>Owner:</b> <b>Street Name:</b> <b>County:</b> <b>Municipality:</b> <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
		1 4/20/1964 Yes 3409 1 66 NIAGARA FALLS CITY 210			
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601396.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601396.pdf</a>			
<b>Bore Hole Information</b>					
<b>Bore Hole ID:</b> <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> <b>Remarks:</b>		10461130 78 r Bedrock 4/10/1964		<b>Elevation:</b> <b>Elevrc:</b> <b>Zone:</b> <b>East83:</b> <b>North83:</b> <b>Org CS:</b> <b>UTMRC:</b> <b>UTMRC Desc:</b> <b>Location Method:</b>	
		175.95845 17 652825.9 4769065 5 margin of error : 100 m - 300 m p5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Elevrc Desc:</i>					
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>			932591592		
<i>Layer:</i>			4		
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>			11		
<i>Most Common Material:</i>			GRAVEL		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			77		
<i>Formation End Depth:</i>			78		
<i>Formation End Depth UOM:</i>			ft		
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>			932591593		
<i>Layer:</i>			5		
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>			15		
<i>Most Common Material:</i>			LIMESTONE		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			78		
<i>Formation End Depth:</i>			79		
<i>Formation End Depth UOM:</i>			ft		
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>			932591589		
<i>Layer:</i>			1		
<i>Color:</i>			6		
<i>General Color:</i>			BROWN		
<i>Mat1:</i>			05		
<i>Most Common Material:</i>			CLAY		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			0		
<i>Formation End Depth:</i>			4		
<i>Formation End Depth UOM:</i>			ft		
<u><b>Overburden and Bedrock</b></u>					
<u><b>Materials Interval</b></u>					
<i>Formation ID:</i>			932591591		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Layer:</b>		3			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		65			
<b>Formation End Depth:</b>		77			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591590			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4			
<b>Formation End Depth:</b>		65			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601396			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009700			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749075			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		79			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601396			
<b>Pump Set At:</b>					
<b>Static Level:</b>		17			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Final Level After Pumping:</b>		75			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		20			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		2			
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			

**Water Details**

**Water ID:** 933948675  
**Layer:** 1  
**Kind Code:** 3  
**Kind:** SULPHUR  
**Water Found Depth:** 78  
**Water Found Depth UOM:** ft

<a href="#">37</a>	1 of 1	NW/264.5	174.8 / 0.00	KALAU RD + BROWN RD Niagara Falls ON	WWIS
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<b>Well ID:</b> 7191624	<b>Data Entry Status:</b>
<b>Construction Date:</b>	<b>Data Src:</b>
<b>Primary Water Use:</b> Monitoring	<b>Date Received:</b> 11/16/2012
<b>Sec. Water Use:</b>	<b>Selected Flag:</b> Yes
<b>Final Well Status:</b> Observation Wells	<b>Abandonment Rec:</b>
<b>Water Type:</b>	<b>Contractor:</b> 7472
<b>Casing Material:</b>	<b>Form Version:</b> 7
<b>Audit No:</b> Z159652	<b>Owner:</b>
<b>Tag:</b> A139208	<b>Street Name:</b> KALAU RD + BROWN RD
<b>Construction Method:</b>	<b>County:</b> 66
<b>Elevation (m):</b>	<b>Municipality:</b> NIAGARA FALLS CITY
<b>Elevation Reliability:</b>	<b>Site Info:</b>
<b>Depth to Bedrock:</b>	<b>Lot:</b>
<b>Well Depth:</b>	<b>Concession:</b>
<b>Overburden/Bedrock:</b>	<b>Concession Name:</b>
<b>Pump Rate:</b>	<b>Easting NAD83:</b>
<b>Static Water Level:</b>	<b>Northing NAD83:</b>
<b>Flowing (Y/N):</b>	<b>Zone:</b>
<b>Flow Rate:</b>	<b>UTM Reliability:</b>
<b>Clear/Cloudy:</b>	

**PDF URL (Map):**

**Bore Hole Information**

<b>Bore Hole ID:</b> 1004205176	<b>Elevation:</b> 177.897323
<b>DP2BR:</b>	<b>Elevrc:</b>
<b>Spatial Status:</b>	<b>Zone:</b> 17
<b>Code OB:</b>	<b>East83:</b> 652288
<b>Code OB Desc:</b>	<b>North83:</b> 4768803
<b>Open Hole:</b>	<b>Org CS:</b> UTM83
<b>Cluster Kind:</b>	<b>UTMRC:</b> 4
<b>Date Completed:</b> 6/7/2012	<b>UTMRC Desc:</b> margin of error : 30 m - 100 m
<b>Remarks:</b>	<b>Location Method:</b> wwr
<b>Elevrc Desc:</b>	
<b>Location Source Date:</b>	
<b>Improvement Location Source:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<i>Formation ID:</i>		1004531035			
<i>Layer:</i>		3			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>		3.3			
<i>Formation End Depth:</i>		15.2			
<i>Formation End Depth UOM:</i>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<i>Formation ID:</i>		1004531034			
<i>Layer:</i>		2			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		06			
<i>Mat2 Desc:</i>		SILT			
<i>Mat3:</i>		75			
<i>Mat3 Desc:</i>		LIGHT-COLOURED			
<i>Formation Top Depth:</i>		.3			
<i>Formation End Depth:</i>		3.3			
<i>Formation End Depth UOM:</i>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<i>Formation ID:</i>		1004531033			
<i>Layer:</i>		1			
<i>Color:</i>		8			
<i>General Color:</i>		BLACK			
<i>Mat1:</i>		02			
<i>Most Common Material:</i>		TOPSOIL			
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>		0			
<i>Formation End Depth:</i>		.3			
<i>Formation End Depth UOM:</i>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<i>Plug ID:</i>		1004531042			
<i>Layer:</i>		1			
<i>Plug From:</i>		0			
<i>Plug To:</i>		11.6			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1004531041			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004531032			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1004531038			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		12.2			
<b>Casing Diameter:</b>		5.2			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1004531039			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		12.2			
<b>Screen End Depth:</b>		15.2			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6.4			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1004531037			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1004531036			
<b>Diameter:</b>		21			
<b>Depth From:</b>		0			
<b>Depth To:</b>		15.2			
<b>Hole Depth UOM:</b>		m			
<b>Hole Diameter UOM:</b>		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">38</a>	1 of 24	S/82.7	159.3 / -15.50	PRIVATE BUSINESS 9514 MONTROSE RD R.R. #1 PORT ROBINSON STORAGE TANK THOROLD CITY ON	SPL
<b>Ref No:</b>	109684			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>	1/27/1995			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	VALVE/FITTING LEAK OR FAILURE			<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	POSSIBLE			<b>Site Municipality:</b>	18105
<b>Nature of Impact:</b>	Soil contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	LAND			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	MCCR
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2/1/1995			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>	DAMAGE BY MOVING EQUIPMENT			<b>Source Type:</b>	
<b>Site Name:</b>					
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	CROWN TRUCKING SERVICES- 136 L DIESEL TO CONCRETE PAD,TANK LEAK,CLEANED UP				
<b>Contaminant Qty:</b>					

<a href="#">38</a>	2 of 24	S/82.7	159.3 / -15.50	MOTORWAYS TRANSPORT 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	88			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<b>Detail(s)</b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">38</a>	3 of 24	S/82.7	159.3 / -15.50	MOTORWAYS TRANSPORT (OUT OF BUS.) 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6	GEN
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	89,90			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">38</a>	4 of 24	S/82.7	159.3 / -15.50	<b>MOTORWAYS TRANSPORT (OUT OF BUS.) 27-492 9514 MONTROSE RD. C/O PO BOX 772 NIAGARA FALLS ON L2E 6V6</b>	<b>GEN</b>
<b>Generator No:</b>	ON1074100			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	92,93,94,95,96,97,98			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	4561				
<b>SIC Description:</b>	GEN. FREIGHT TRUCK.				
<a href="#">38</a>	5 of 24	S/82.7	159.3 / -15.50	<b>DONALD W MURRAY (MOVERS) 1981 LIMITED 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	94,95,96,97			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3231				
<b>SIC Description:</b>	MOTOR VEHICLE IND.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">38</a>	6 of 24	S/82.7	159.3 / -15.50	<b>CROWN TRUCKING SERVICES 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	98,99,00,01			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	3231				
<b>SIC Description:</b>	MOTOR VEHICLE IND.				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">38</a>	7 of 24	S/82.7	159.3 / -15.50	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	02,03,04,05,06,07,08			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<a href="#">38</a>	8 of 24	S/82.7	159.3 / -15.50	DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2009			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Waste Class: 252  
Waste Class Desc: WASTE OILS & LUBRICANTS

[38](#) 9 of 24 S/82.7 159.3 / -15.50 9514 Montrose Road Niagara Falls ON EHS

Order No:	20130206001	Nearest Intersection:	
Status:	C	Municipality:	Niagara Falls
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	14-FEB-13	Search Radius (km):	.25
Date Received:	06-FEB-13	X:	-79.122103
Previous Site Name:		Y:	43.03993
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

[38](#) 10 of 24 S/82.7 159.3 / -15.50 DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON GEN

Generator No:	ON1835800	PO Box No:	
Status:		Country:	
Approval Years:	2010	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	484110		
SIC Description:	General Freight Trucking Local		

Detail(s)

Waste Class: 213  
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 251  
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 221  
Waste Class Desc: LIGHT FUELS

Waste Class: 145  
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 252  
Waste Class Desc: WASTE OILS & LUBRICANTS

Waste Class: 212  
Waste Class Desc: ALIPHATIC SOLVENTS

[38](#) 11 of 24 S/82.7 159.3 / -15.50 DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON GEN

Generator No:	ON1835800	PO Box No:	
Status:		Country:	
Approval Years:	2011	Choice of Contact:	
Contam. Facility:		Co Admin:	
MHSW Facility:		Phone No Admin:	
SIC Code:	484110		
SIC Description:	General Freight Trucking Local		

Detail(s)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			

<a href="#">38</a>	12 of 24	S/82.7	159.3 / -15.50	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON LOS 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	General Freight Trucking Local				
<b>Detail(s)</b>					
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			

<a href="#">38</a>	13 of 24	S/82.7	159.3 / -15.50	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<a href="#">38</a>	14 of 24	S/82.7	159.3 / -15.50	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<u>Detail(s)</u>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			

<a href="#">38</a>	15 of 24	S/82.7	159.3 / -15.50	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				

<u>Detail(s)</u>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			

[38](#)      16 of 24      S/82.7      159.3 / -15.50      DONALD W. MURRAY MOVERS (1981) LTD  
9514 MONTROSE ROAD      GEN  
NIAGARA FALLS ON LOS 1K0

<b>Generator No:</b>	ON1835800	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2015	<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL		

Detail(s)

<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	221
<b>Waste Class Desc:</b>	LIGHT FUELS
<b>Waste Class:</b>	252
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS
<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	251
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES

[38](#)      17 of 24      S/82.7      159.3 / -15.50      Crown Transportation Group Limited  
9514 Montrose Road      GEN  
Niagara Falls ON LOS 1K0

<b>Generator No:</b>	ON4337057	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2016	<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110		
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL		

Detail(s)

<b>Waste Class:</b>	213
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">38</a>	18 of 24	S/82.7	159.3 / -15.50	<b>Crown Transportation Group Limited</b> 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<a href="#">38</a>	19 of 24	S/82.7	159.3 / -15.50	<b>DONALD W. MURRAY MOVERS (1981) LTD</b> 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0	GEN
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		252			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">38</a>	20 of 24	S/82.7	159.3 / -15.50	<b>Crown Transportation Group Limited 9514 Montrose Road Niagara Falls ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON4337057			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Josh Dobson
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-7500 Ext.
<b>SIC Code:</b>	484110				
<b>SIC Description:</b>	GENERAL FREIGHT TRUCKING, LOCAL				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<a href="#">38</a>	21 of 24	S/82.7	159.3 / -15.50	<b>DONALD W. MURRAY MOVERS (1981) LTD 9514 MONTROSE ROAD NIAGARA FALLS ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON1835800			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jun 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	221 L				
<b>Waste Class Desc:</b>	Light fuels				
<b>Waste Class:</b>	213 L				
<b>Waste Class Desc:</b>	Petroleum distillates				
<b>Waste Class:</b>	213 I				
<b>Waste Class Desc:</b>	Petroleum distillates				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	212 L				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	251 L				
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)				
<a href="#">38</a>	22 of 24	S/82.7	159.3 / -15.50	<b>9514 Montrose Rd Niagara Falls ON L0S1K0</b>	<b>EHS</b>
<b>Order No:</b>	20161025104			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Report Type:</b> Standard Report <b>Report Date:</b> 01-NOV-16 <b>Date Received:</b> 25-OCT-16 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.122057 <b>Y:</b> 43.040033					
<a href="#">38</a>	23 of 24	S/82.7	159.3 / -15.50	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b> ON9462571 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 251 L <b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<b>Waste Class:</b> 253 L <b>Waste Class Desc:</b> Emulsified oils					
<a href="#">38</a>	24 of 24	S/82.7	159.3 / -15.50	ES Fox 9514 Montrose Road Niagara Falls ON L0S 1K0	GEN
<b>Generator No:</b> ON9462571 <b>Status:</b> Registered <b>Approval Years:</b> As of Oct 2019 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>					
<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 253 L <b>Waste Class Desc:</b> Emulsified oils					
<b>Waste Class:</b> 251 L <b>Waste Class Desc:</b> Waste oils/sludges (petroleum based)					
<a href="#">39</a>	1 of 2	N/128.9	178.4 / 3.54	MASTERWOOD DOOR LTD 8020 OAKWOOD DR NIAGARA FALLS ON L2E 6S5	SCT
<b>Established:</b> 1975 <b>Plant Size (ft²):</b> 0 <b>Employment:</b> 1					
<b>--Details--</b>					
<b>Description:</b> MILLWORK <b>SIC/NAICS Code:</b> 2431					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">39</a>	2 of 2	N/128.9	178.4 / 3.54	MASTERWOOD DOOR LTD. 8020 Oakwood Dr RR 2 Niagara Falls ON L2E 6S5	SCT
<b>Established:</b>		1975			
<b>Plant Size (ft²):</b>		0			
<b>Employment:</b>		1			
<b>--Details--</b>					
<b>Description:</b>		Wood Window and Door Manufacturing			
<b>SIC/NAICS Code:</b>		321911			
<b>Description:</b>		Other Millwork			
<b>SIC/NAICS Code:</b>		321919			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">40</a>	1 of 1	NNW/26.9	175.9 / 1.05	lot 198 ON	WWIS
<b>Well ID:</b>		6601392			
<b>Construction Date:</b>					
<b>Primary Water Use:</b>		Domestic			
<b>Sec. Water Use:</b>		0			
<b>Final Well Status:</b>		Water Supply			
<b>Water Type:</b>					
<b>Casing Material:</b>					
<b>Audit No:</b>					
<b>Tag:</b>					
<b>Construction Method:</b>					
<b>Elevation (m):</b>					
<b>Elevation Reliability:</b>					
<b>Depth to Bedrock:</b>					
<b>Well Depth:</b>					
<b>Overburden/Bedrock:</b>					
<b>Pump Rate:</b>					
<b>Static Water Level:</b>					
<b>Flowing (Y/N):</b>					
<b>Flow Rate:</b>					
<b>Clear/Cloudy:</b>					
<b>Data Entry Status:</b>					
<b>Data Src:</b>		1			
<b>Date Received:</b>		5/17/1948			
<b>Selected Flag:</b>		Yes			
<b>Abandonment Rec:</b>					
<b>Contractor:</b>		4629			
<b>Form Version:</b>		1			
<b>Owner:</b>					
<b>Street Name:</b>					
<b>County:</b>		66			
<b>Municipality:</b>		NIAGARA FALLS CITY			
<b>Site Info:</b>					
<b>Lot:</b>		198			
<b>Concession:</b>					
<b>Concession Name:</b>					
<b>Easting NAD83:</b>					
<b>Northing NAD83:</b>					
<b>Zone:</b>					
<b>UTM Reliability:</b>					
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601392.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601392.pdf</a>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461126	<b>Elevation:</b>	176.092071
<b>DP2BR:</b>	45	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652772.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4769122
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	5/8/1948	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932591575			
<b>Layer:</b>		2			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		17			
<b>Most Common Material:</b>		SHALE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		45			
<b>Formation End Depth:</b>		49			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932591574			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		45			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601392			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009696			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749068			
<b>Layer:</b>		1			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601392			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Pump Set At:</b> <b>Static Level:</b> 20 <b>Final Level After Pumping:</b> <b>Recommended Pump Depth:</b> <b>Pumping Rate:</b> <b>Flowing Rate:</b> <b>Recommended Pump Rate:</b> <b>Levels UOM:</b> ft <b>Rate UOM:</b> GPM <b>Water State After Test Code:</b> 1 <b>Water State After Test:</b> CLEAR <b>Pumping Test Method:</b> <b>Pumping Duration HR:</b> <b>Pumping Duration MIN:</b> <b>Flowing:</b> No					
<b><u>Water Details</u></b>					
<b>Water ID:</b> 933948671 <b>Layer:</b> 1 <b>Kind Code:</b> 1 <b>Kind:</b> FRESH <b>Water Found Depth:</b> 20 <b>Water Found Depth UOM:</b> ft					
<a href="#">41</a>	1 of 9	NW/210.0	174.8 / 0.00	The Corporation of the City of Niagara Falls 8208 Kalar Rd Niagara Falls ON L2E 6X5	ECA
<b>Approval No:</b> 2296-9AMJQP <b>Approval Date:</b> 2013-08-29 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 8208 Kalar Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5983-974PJ4-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5983-974PJ4-14.pdf</a>					
<a href="#">41</a>	2 of 9	NW/210.0	174.8 / 0.00	City of Niagara Falls 8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS ON	EBR
<b>EBR Registry No:</b> 012-1325 <b>Ministry Ref No:</b> SR 1350934 <b>Notice Type:</b> Instrument Decision <b>Notice Stage:</b> 819266001 <b>Notice Date:</b> April 14, 2014 <b>Proposal Date:</b> March 13, 2014 <b>Year:</b> 2014 <b>Instrument Type:</b> (Liquid Fuels Handling Code) - Liquid Fuels Handling Code Section <b>Off Instrument Name:</b> <b>Posted By:</b> <b>Company Name:</b> City of Niagara Falls <b>Site Address:</b> <b>Location Other:</b> <b>Proponent Name:</b> <b>Proponent Address:</b> 4320 Bridge Street, Niagara Falls Ontario, Canada L2E 2R7 <b>Comment Period:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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URL:

Site Location Details:

8280 Kalar Rd., Niagara Falls CITY OF NIAGARA FALLS

<a href="#">41</a>	3 of 9	NW/210.0	174.8 / 0.00	8208 HEARTLAND FOREST ROAD, NIAGARA FALLS ON	INC
<b>Incident No:</b> 1935036 <b>Incident ID:</b> <b>Instance No:</b> <b>Status Code:</b> <b>Attribute Category:</b> FS-Perform L1 Incident Insp <b>Context:</b> <b>Date of Occurrence:</b> 2016/09/01 00:00:00 <b>Time of Occurrence:</b> 20:30:00 <b>Incident Created On:</b> <b>Instance Creation Dt:</b> <b>Instance Install Dt:</b> <b>Occur Insp Start Date:</b> 2016/09/07 00:00:00 <b>Approx Quant Rel:</b> <b>Tank Capacity:</b> <b>Fuels Occur Type:</b> Liquid Petroleum Spill <b>Fuel Type Involved:</b> Diesel <b>Enforcement Policy:</b> NULL <b>Prc Escalation Req:</b> NULL <b>Tank Material Type:</b> <b>Tank Storage Type:</b> <b>Tank Location Type:</b> <b>Pump Flow Rate Cap:</b> <b>Task No:</b> 6311198 <b>Notes:</b> <b>Drainage System:</b> <b>Sub Surface Contam.:</b> <b>Aff Prop Use Water:</b> <b>Contam. Migrated:</b> <b>Contact Natural Env:</b> <b>Incident Location:</b> 8208 HEARTLAND FOREST ROAD, NIAGARA FALLS - LEAK <b>Occurrence Narrative:</b> spill of diesel to interceptor - posilock nozzle overflow <b>Operation Type Involved:</b> Private Fuel Outlet <b>Item:</b> <b>Item Description:</b> <b>Device Installed Location:</b>		<b>Any Health Impact:</b> No <b>Any Enviro Impact:</b> No <b>Service Interrupted:</b> No <b>Was Prop Damaged:</b> No <b>Reside App. Type:</b> <b>Commer App. Type:</b> <b>Indus App. Type:</b> <b>Institut App. Type:</b> <b>Venting Type:</b> <b>Vent Conn Mater:</b> <b>Vent Chimney Mater:</b> <b>Pipeline Type:</b> <b>Pipeline Involved:</b> <b>Pipe Material:</b> <b>Depth Ground Cover:</b> <b>Regulator Location:</b> <b>Regulator Type:</b> <b>Operation Pressure:</b> <b>Liquid Prop Make:</b> <b>Liquid Prop Model:</b> <b>Liquid Prop Serial No:</b> <b>Liquid Prop Notes:</b> <b>Equipment Type:</b> <b>Equipment Model:</b> <b>Serial No:</b> <b>Cylinder Capacity:</b> <b>Cylinder Cap Units:</b> <b>Cylinder Mat Type:</b> <b>Near Body of Water:</b>			

<a href="#">41</a>	4 of 9	NW/210.0	174.8 / 0.00	The Corporation of the City of Niagara Falls 8208 Kalar Rd Niagara Falls ON L2E 6X5	ECA
<b>Approval No:</b> 7474-AEUHRP <b>Approval Date:</b> 2016-10-18 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 8208 Kalar Rd <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3154-9KQHGX-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3154-9KQHGX-14.pdf</a>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">41</a>	5 of 9	NW/210.0	174.8 / 0.00	The Corporation of the City of Niagara Falls 8208 Heartland Forest Rd Niagara Falls ON L2H 2Y6	SPL
<b>Ref No:</b>	8550-ADE6H6			<b>Discharger Report:</b>	
<b>Site No:</b>	1350-974PHN			<b>Material Group:</b>	
<b>Incident Dt:</b>	9/1/2016			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Unknown / N/A
<b>Incident Event:</b>	Overflow/Surcharge			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL			<b>Site Address:</b>	8208 Heartland Forest Rd
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2H 2Y6
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	4768784
<b>MOE Response:</b>				<b>Easting:</b>	652141
<b>Dt MOE Arvl on Scn:</b>	9/2/2016			<b>Site Geo Ref Accu:</b>	GPS
<b>MOE Reported Dt:</b>	9/1/2016			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	9/2/2016			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	City of Niagara Falls Transit Services (We Go terminal)				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	1-10 metres eg. Good Quality GPS				
<b>Incident Summary:</b>	200 L of dsl to drain from Go Transit bus at Niagara Falls bust depot				
<b>Contaminant Qty:</b>	150 L				
<a href="#">41</a>	6 of 9	NW/210.0	174.8 / 0.00	City Of Niagara Falls 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	John Lehocki
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-356-7521 Ext.4528
<b>SIC Code:</b>	485110				
<b>SIC Description:</b>	485110				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	213				
<b>Waste Class Desc:</b>	PETROLEUM DISTILLATES				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	251				
<b>Waste Class Desc:</b>	OIL SKIMMINGS & SLUDGES				
<a href="#">41</a>	7 of 9	NW/210.0	174.8 / 0.00	City Of Niagara Falls 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	John Lehocki
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-356-7521 Ext.4528
<b>SIC Code:</b>	485110				
<b>SIC Description:</b>		485110			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			

<a href="#">41</a>	8 of 9	NW/210.0	174.8 / 0.00	City Of Niagara Falls Transit Services 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		213 I			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		213 T			
<b>Waste Class Desc:</b>		Petroleum distillates			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			

<a href="#">41</a>	9 of 9	NW/210.0	174.8 / 0.00	City Of Niagara Falls Transit Services 8208 Heartland Forest Road Niagara Falls ON L2H 0L7	GEN
<b>Generator No:</b>	ON6450670			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Detail(s)**

**Waste Class:** 213 I  
**Waste Class Desc:** Petroleum distillates  
  
**Waste Class:** 252 L  
**Waste Class Desc:** Waste crankcase oils and lubricants  
  
**Waste Class:** 251 L  
**Waste Class Desc:** Waste oils/sludges (petroleum based)  
  
**Waste Class:** 212 L  
**Waste Class Desc:** Aliphatic solvents and residues  
  
**Waste Class:** 213 T  
**Waste Class Desc:** Petroleum distillates

<a href="#">42</a>	1 of 1	NW/188.0	174.8 / 0.00	KALAU RD + BROWN RD Niagara Falls ON	WWIS
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<b>Well ID:</b> 7191623 <b>Construction Date:</b> <b>Primary Water Use:</b> Monitoring <b>Sec. Water Use:</b> <b>Final Well Status:</b> Observation Wells <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> Z159653 <b>Tag:</b> A139207 <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>	<b>Data Entry Status:</b> <b>Data Src:</b> <b>Date Received:</b> 11/16/2012 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 7472 <b>Form Version:</b> 7 <b>Owner:</b> <b>Street Name:</b> KALAU RD + BROWN RD <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY <b>Site Info:</b> <b>Lot:</b> <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>
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**PDF URL (Map):**

**Bore Hole Information**

<b>Bore Hole ID:</b> 1004205173 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> <b>Code OB Desc:</b> <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 6/7/2012 <b>Remarks:</b> <b>Elevrc Desc:</b> <b>Location Source Date:</b> <b>Improvement Location Source:</b> <b>Improvement Location Method:</b> <b>Source Revision Comment:</b> <b>Supplier Comment:</b>	<b>Elevation:</b> 176.966354 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 652232 <b>North83:</b> 4768877 <b>Org CS:</b> UTM83 <b>UTMRC:</b> 4 <b>UTMRC Desc:</b> margin of error : 30 m - 100 m <b>Location Method:</b> wwr
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**Overburden and Bedrock**



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531023			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>		75			
<b>Mat3 Desc:</b>		LIGHT-COLOURED			
<b>Formation Top Depth:</b>		.3			
<b>Formation End Depth:</b>		3.3			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531022			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		.3			
<b>Formation End Depth UOM:</b>		m			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1004531024			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>		85			
<b>Mat3 Desc:</b>		SOFT			
<b>Formation Top Depth:</b>		3.3			
<b>Formation End Depth:</b>		15.2			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1004531031			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		11.6			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Method Construction ID:</b>		1004531030			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004531021			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1004531027			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		12.2			
<b>Casing Diameter:</b>		5.2			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1004531028			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		12.2			
<b>Screen End Depth:</b>		15.2			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6.4			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1004531026			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1004531025			
<b>Diameter:</b>		21			
<b>Depth From:</b>		0			
<b>Depth To:</b>		15.2			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

[43](#)    1 of 2    **NNW/51.0**    **175.8 / 1.00**    **7656 Hackberry Trail  
Niagara Falls ON**    **SPL**

<b>Ref No:</b>	2623-AWWU57	<b>Discharger Report:</b>	
<b>Site No:</b>	NA	<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/03/16	<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>		<b>Client Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	7656 Hackberry Trail
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1075			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	
<b>MOE Response:</b>	No			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/03/16			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	Valve/Fitting/Piping
<b>Site Name:</b>	Residential <UNOFFICIAL>				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA FSB: 2" plastic main IP damaged; made safe				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">43</a>	2 of 2	NNW/51.0	175.8 / 1.00	PIPELINE HIT - 2" 7656 HACKBERRY TRAIL,,NIAGARA FALLS,ON, L2H 2Y6,CA ON	PINC
<b>Incident ID:</b>				<b>Fuel Category:</b>	
<b>Incident No:</b>	2263920			<b>Health Impact:</b>	
<b>Incident Reported Dt:</b>	3/19/2018			<b>Environment Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Property Damage:</b>	
<b>Status Code:</b>				<b>Service Interrupt:</b>	
<b>Customer Acct Name:</b>	PIPELINE HIT - 2"			<b>Enforce Policy:</b>	
<b>Incident Address:</b>	7656 HACKBERRY TRAIL,,NIAGARA FALLS, ON,L2H 2Y6,CA			<b>Public Relation:</b>	
<b>Tank Status:</b>	Pipeline Damage Reason Est			<b>Pipeline System:</b>	
<b>Task No:</b>				<b>Depth:</b>	
<b>Spills Action Centre:</b>				<b>Pipe Material:</b>	
<b>Fuel Type:</b>				<b>PSIG:</b>	
<b>Fuel Occurrence Tp:</b>				<b>Attribute Category:</b>	
<b>Date of Occurrence:</b>				<b>Regulator Location:</b>	
<b>Occurrence Start Dt:</b>				<b>Method Details:</b>	
<b>Operation Type:</b>					
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>					
<b>Reported By:</b>					
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>					
<b>Notes:</b>					

<a href="#">44</a>	1 of 1	N/102.4	178.8 / 4.01	lot 197 ON	WWIS
<b>Well ID:</b>	6601391			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	12/20/1956
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	5425

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	197
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601391.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601391.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461125	<b>Elevation:</b>	178.55101
<b>DP2BR:</b>	55	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652939.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4769241
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	9/22/1956	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591572
<b>Layer:</b>	5
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	11
<b>Most Common Material:</b>	GRAVEL
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	46
<b>Formation End Depth:</b>	55
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591568
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	01
<b>Most Common Material:</b>	FILL
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		4			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591569			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		4			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591570			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		31			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591571			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		03			
<b>Most Common Material:</b>		MUCK			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		31			
<b>Formation End Depth:</b>		46			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591573			
<b>Layer:</b>		6			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		55			
<b>Formation End Depth:</b>		57			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601391			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009695			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749067			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		57			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749066			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		55			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601391			
<b>Pump Set At:</b>					
<b>Static Level:</b>		23			
<b>Final Level After Pumping:</b>		28			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>	2				
<b>Water State After Test:</b>		CLOUDY			
<b>Pumping Test Method:</b>	1				
<b>Pumping Duration HR:</b>	0				
<b>Pumping Duration MIN:</b>	30				
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948670			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		55			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">45</a>	1 of 1	S/35.2	172.3 / -2.54	lot 10 ON	WWIS
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<b>Well ID:</b>	6602673	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	8/8/1972
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3608
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	66
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	010
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	BF WR
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6602673.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6602673.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10462400	<b>Elevation:</b>	175.578491
<b>DP2BR:</b>	79	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652934.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4766973
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	7/17/1972	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	p4
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932595884			
<b>Layer:</b>		1			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932595887			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		79			
<b>Formation End Depth:</b>		82			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932595885			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		77			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932595886			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation Top Depth:</b>		77			
<b>Formation End Depth:</b>		79			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966602673			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010970			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751313			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		82			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930751312			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		79			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602673			
<b>Pump Set At:</b>					
<b>Static Level:</b>		23			
<b>Final Level After Pumping:</b>		45			
<b>Recommended Pump Depth:</b>		75			
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		2			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		935128156			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934341801			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934863383			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934609159			
<b>Test Type:</b>		Recovery			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		23			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949992			
<b>Layer:</b>		1			
<b>Kind Code:</b>		3			
<b>Kind:</b>		SULPHUR			
<b>Water Found Depth:</b>		81			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">46</a>	1 of 2	S/285.9	174.8 / 0.00	Estate Property of John Horosko 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON9827883			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

<a href="#">46</a>	2 of 2	S/285.9	174.8 / 0.00	1499974 Ontario Inc. 7269 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON3902686			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	06			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		221			
<b>Waste Class Desc:</b>		LIGHT FUELS			
<b>Waste Class:</b>		252			
<b>Waste Class Desc:</b>		WASTE OILS & LUBRICANTS			
<a href="#">47</a>	1 of 2	SSW/140.3	174.8 / 0.00	9515 Montrose Rd Niagara Falls ON	EHS
<b>Order No:</b>		20200219057		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		RSC Report - Quote		<b>Client Prov/State:</b> OH	
<b>Report Date:</b>		24-FEB-20		<b>Search Radius (km):</b> .3	
<b>Date Received:</b>		19-FEB-20		<b>X:</b> -79.12464291	
<b>Previous Site Name:</b>				<b>Y:</b> 43.03978149	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos			
<a href="#">47</a>	2 of 2	SSW/140.3	174.8 / 0.00	9515 Montrose Rd Niagara Falls ON	EHS
<b>Order No:</b>		20200219057		<b>Nearest Intersection:</b>	
<b>Status:</b>		C		<b>Municipality:</b>	
<b>Report Type:</b>		RSC Report - Quote		<b>Client Prov/State:</b> OH	
<b>Report Date:</b>		24-FEB-20		<b>Search Radius (km):</b> .3	
<b>Date Received:</b>		19-FEB-20		<b>X:</b> -79.12464291	
<b>Previous Site Name:</b>				<b>Y:</b> 43.03978149	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>		Fire Insur. Maps and/or Site Plans; Topographic Maps; City Directory; Aerial Photos			
<a href="#">48</a>	1 of 5	N/244.3	179.8 / 5.00	7888 OAKWOOD DR, NIAGARA FALLS ON	PINC
<b>Incident ID:</b>					
<b>Incident No:</b>		1847702		<b>Fuel Category:</b> Natural Gas	
<b>Incident Reported Dt:</b>				<b>Health Impact:</b>	
<b>Type:</b>		FS-Pipeline Incident		<b>Environment Impact:</b>	
<b>Status Code:</b>		Pipeline Damage Reason Est		<b>Property Damage:</b> No	
<b>Customer Acct Name:</b>				<b>Service Interrupt:</b>	
<b>Incident Address:</b>				<b>Enforce Policy:</b> Yes	
<b>Tank Status:</b>		RC Established		<b>Public Relation:</b>	
<b>Task No:</b>		6133704		<b>Pipeline System:</b>	
<b>Spills Action Centre:</b>				<b>Depth:</b>	
<b>Fuel Type:</b>				<b>Pipe Material:</b>	
<b>Fuel Occurrence Tp:</b>				<b>PSIG:</b>	
<b>Date of Occurrence:</b>				<b>Attribute Category:</b> FS-Perform P-line Inc Invest	
<b>Occurrence Start Dt:</b>		2016/04/19		<b>Regulator Location:</b>	
<b>Operation Type:</b>				<b>Method Details:</b> E-mail	
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>		7888 OAKWOOD DR, NIAGARA FALLS - PIPELINE HIT - 1"			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Reported By:</b>		Dean Garriock - ENBRIDGE			
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>		Excavation practices not sufficient			
<b>Notes:</b>					
<a href="#">48</a>	2 of 5	N/244.3	179.8 / 5.00	Enbridge Gas Distribution Inc. 7888 oakwood dr Niagara Falls ON	SPL
<b>Ref No:</b>	6770-A96FB7			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2016/04/18			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Communal
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	7888 oakwood dr
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	
<b>MOE Response:</b>	No			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2016/04/19			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	2016/05/17			<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error			<b>Source Type:</b>	
<b>Site Name:</b>	residential<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA: 1" line strike				
<b>Contaminant Qty:</b>	0 other - see incident description				
<a href="#">48</a>	3 of 5	N/244.3	179.8 / 5.00	Sunbelt Rentals 7888 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON8458618			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212 L				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	252 I				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">48</a>	4 of 5	N/244.3	179.8 / 5.00	7888 Oakwood Dr Niagara Falls ON L2G0J6	EHS
<b>Order No:</b>	20170421062			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	26-APR-17			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	21-APR-17			<b>X:</b>	-79.120081
<b>Previous Site Name:</b>				<b>Y:</b>	43.061202
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					

<a href="#">48</a>	5 of 5	N/244.3	179.8 / 5.00	Sunbelt Rentals 7888 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON8458618			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	252 I				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	212 L				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	221 I				
<b>Waste Class Desc:</b>	Light fuels				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	251 L				
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)				

<a href="#">49</a>	1 of 2	NW/68.9	175.7 / 0.87	Enbridge Gas Distribution Inc. 7846 Hackberry Trail Niagara Falls ON	SPL
<b>Ref No:</b>	4361-B2KQHW			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2018/07/11			<b>Health/Env Conseq:</b>	2 - Minor Environment Corporation
<b>Year:</b>				<b>Client Type:</b>	Miscellaneous Communal
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	35			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	NATURAL GAS (METHANE)			<b>Site Address:</b>	7846 Hackberry Trail
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	1075			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Air			<b>Northing:</b>	4769205
<b>MOE Response:</b>	No			<b>Easting:</b>	652086
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2018/07/11			<b>Site Map Datum:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
<b>Incident Reason:</b>	Operator/Human Error		<b>Source Type:</b>	Pipeline/Components	
<b>Site Name:</b>	residential <UNOFFICIAL>				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	TSSA - Enbridge, 1/2" plastic service line damaged, made safe				
<b>Contaminant Qty:</b>	0 other - see incident description				
<a href="#">49</a>	2 of 2	NW/68.9	175.7 / 0.87	PIPELINE HIT 1/2" 7846 HACKBERRY TRAIL,,NIAGARA FALLS,ON, L2H 2Y6,CA ON	PINC
<b>Incident ID:</b>			<b>Fuel Category:</b>		
<b>Incident No:</b>	2345080		<b>Health Impact:</b>		
<b>Incident Reported Dt:</b>	7/12/2018		<b>Environment Impact:</b>		
<b>Type:</b>	FS-Pipeline Incident		<b>Property Damage:</b>		
<b>Status Code:</b>			<b>Service Interrupt:</b>		
<b>Customer Acct Name:</b>	PIPELINE HIT 1/2"		<b>Enforce Policy:</b>		
<b>Incident Address:</b>	7846 HACKBERRY TRAIL,,NIAGARA FALLS, ON,L2H 2Y6,CA		<b>Public Relation:</b>		
<b>Tank Status:</b>	Pipeline Damage Reason Est		<b>Pipeline System:</b>		
<b>Task No:</b>			<b>Depth:</b>		
<b>Spills Action Centre:</b>			<b>Pipe Material:</b>		
<b>Fuel Type:</b>			<b>PSIG:</b>		
<b>Fuel Occurrence Tp:</b>			<b>Attribute Category:</b>		
<b>Date of Occurrence:</b>			<b>Regulator Location:</b>		
<b>Occurrence Start Dt:</b>			<b>Method Details:</b>		
<b>Operation Type:</b>					
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>					
<b>Reported By:</b>					
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>					
<b>Notes:</b>					
<a href="#">50</a>	1 of 5	NW/69.9	174.8 / 0.00	The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and n Niagara Falls ON	CA
<b>Certificate #:</b>	7220-7CGMUU				
<b>Application Year:</b>	2008				
<b>Issue Date:</b>	3/7/2008				
<b>Approval Type:</b>	Municipal and Private Sewage Works				
<b>Status:</b>	Approved				
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					
<a href="#">50</a>	2 of 5	NW/69.9	174.8 / 0.00	The Corporation of the City of Niagara Falls 8108 Kalar	CA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Niagara Falls ON</b>					
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		9169-77ZLZL 2007 10/18/2007 Municipal and Private Sewage Works Revoked and/or Replaced			
<a href="#">50</a>	3 of 5	NW/69.9	174.8 / 0.00	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	<b>ECA</b>
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b>  <b>Full Address:</b> <b>Full PDF Link:</b>		7220-7CGMUU 2008-03-07 Approved ECA IDS  ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road  https://www.accessenvironment.ene.gov.on.ca/instruments/4703-7C7RRT-14.pdf			
<a href="#">50</a>	4 of 5	NW/69.9	174.8 / 0.00	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	<b>ECA</b>
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Address:</b>  <b>Full Address:</b> <b>Full PDF Link:</b>		9169-77ZLZL 2007-10-18 Revoked and/or Replaced ECA IDS  ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road  https://www.accessenvironment.ene.gov.on.ca/instruments/6627-75PNZN-14.pdf			
<a href="#">50</a>	5 of 5	NW/69.9	174.8 / 0.00	<b>The Corporation of the City of Niagara Falls 8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road Niagara Falls ON L2E 6X5</b>	<b>ECA</b>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval No:</b>	1793-77FJMA			<b>MOE District:</b>	
<b>Approval Date:</b>	2007-10-18			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-AIR				
<b>Project Type:</b>	AIR				
<b>Address:</b>	8108 Kalar Rd South of Brown Road and east of Kalar Road South west of QEW and north of Chippawa Creek Road				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/9136-75PNV7-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/9136-75PNV7-14.pdf</a>				

<a href="#">51</a>	1 of 1	<b>N/68.3</b>	<b>179.8 / 5.00</b>	<b>lot 197 ON</b>	<b>WWIS</b>
<b>Well ID:</b>	6601388			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	12/9/1954
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	197
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601388.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601388.pdf)

#### Bore Hole Information

<b>Bore Hole ID:</b>	10461122	<b>Elevation:</b>	179.919204
<b>DP2BR:</b>	50	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	h	<b>East83:</b>	652900.9
<b>Code OB Desc:</b>	Mixed in a Layer	<b>North83:</b>	4769376
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	5/6/1954	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

#### Overburden and Bedrock Materials Interval

<b>Formation ID:</b>	932591557
<b>Layer:</b>	4



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		11			
<b>Most Common Material:</b>		GRAVEL			
<b>Mat2:</b>		15			
<b>Mat2 Desc:</b>		LIMESTONE			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		52			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591556			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		45			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591555			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		45			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591554			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Method of Construction &amp; Well Use</u></b>					
	<b>Method Construction ID:</b>	966601388			
	<b>Method Construction Code:</b>	1			
	<b>Method Construction:</b>	Cable Tool			
	<b>Other Method Construction:</b>				
<b><u>Pipe Information</u></b>					
	<b>Pipe ID:</b>	11009692			
	<b>Casing No:</b>	1			
	<b>Comment:</b>				
	<b>Alt Name:</b>				
<b><u>Construction Record - Casing</u></b>					
	<b>Casing ID:</b>	930749061			
	<b>Layer:</b>	1			
	<b>Material:</b>	1			
	<b>Open Hole or Material:</b>	STEEL			
	<b>Depth From:</b>				
	<b>Depth To:</b>	51			
	<b>Casing Diameter:</b>	6			
	<b>Casing Diameter UOM:</b>	inch			
	<b>Casing Depth UOM:</b>	ft			
<b><u>Results of Well Yield Testing</u></b>					
	<b>Pump Test ID:</b>	996601388			
	<b>Pump Set At:</b>				
	<b>Static Level:</b>	20			
	<b>Final Level After Pumping:</b>	25			
	<b>Recommended Pump Depth:</b>				
	<b>Pumping Rate:</b>	10			
	<b>Flowing Rate:</b>				
	<b>Recommended Pump Rate:</b>				
	<b>Levels UOM:</b>	ft			
	<b>Rate UOM:</b>	GPM			
	<b>Water State After Test Code:</b>	1			
	<b>Water State After Test:</b>	CLEAR			
	<b>Pumping Test Method:</b>	1			
	<b>Pumping Duration HR:</b>	2			
	<b>Pumping Duration MIN:</b>	0			
	<b>Flowing:</b>	No			
<b><u>Water Details</u></b>					
	<b>Water ID:</b>	933948667			
	<b>Layer:</b>	1			
	<b>Kind Code:</b>	1			
	<b>Kind:</b>	FRESH			
	<b>Water Found Depth:</b>	52			
	<b>Water Found Depth UOM:</b>	ft			
<a href="#">52</a>	1 of 13	SSW/173.9	177.1 / 2.23	DAY-TIMERS OF CANADA LTD. 9515 MONTROSE ROAD NIAGARA FALLS CITY ON	CA
	<b>Certificate #:</b>	8-2014-93-			
	<b>Application Year:</b>	93			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Issue Date:</b>		4/7/1993			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		(1) CLEAVER BROOKS GAS FIRED BOILER			
<b>Contaminants:</b>		Nitrogen Oxides			
<b>Emission Control:</b>		No Controls			
<a href="#">52</a>	2 of 13	SSW/173.9	177.1 / 2.23	DAY-TIMERS OF CANADA LTD NIAGARA FALLS ON L2E 6X6	SCT
<b>Established:</b>		1947			
<b>Plant Size (ft²):</b>		0			
<b>Employment:</b>		150			
<b>--Details--</b>					
<b>Description:</b>		BLANKBOOKS, LOOSELEAF BINDERS AND DEVICES			
<b>SIC/NAICS Code:</b>		2782			
<a href="#">52</a>	3 of 13	SSW/173.9	177.1 / 2.23	SANDT PRINTING COMPANY LTD 9515 MONTROSE RD NIAGARA FALLS ON L2E 6X6	SCT
<b>Established:</b>		1966			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>		40			
<b>--Details--</b>					
<b>Description:</b>		COMMERCIAL PRINTING, LITHOGRAPHIC			
<b>SIC/NAICS Code:</b>		2752			
<a href="#">52</a>	4 of 13	SSW/173.9	177.1 / 2.23	DAY-TIMERS OF CANADA LTD. 9515 Montrose Rd Niagara Falls ON L2E 6X6	SCT
<b>Established:</b>		1947			
<b>Plant Size (ft²):</b>		0			
<b>Employment:</b>		150			
<b>--Details--</b>					
<b>Description:</b>		Other Printing			
<b>SIC/NAICS Code:</b>		323119			
<b>Description:</b>		Commercial and Service Industry Machinery Manufacturing			
<b>SIC/NAICS Code:</b>		333310			
<a href="#">52</a>	5 of 13	SSW/173.9	177.1 / 2.23	JOY DISPLAYS 9515 MONTROSE RD. NIAGARA FALLS ON L2E 6V2	GEN
<b>Generator No:</b>		ON0920300		<b>PO Box No:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 86,87,88,89,90 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 0000 <b>SIC Description:</b> *** NOT DEFINED ***				<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 252 <b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<a href="#">52</a>	6 of 13	SSW/173.9	177.1 / 2.23	<b>JOY DISPLAYS 22-250</b> <b>9515 MONTROSE RD.</b> <b>NIAGARA FALLS ON L2E 6V2</b>	GEN
<b>Generator No:</b> ON0920300 <b>Status:</b> <b>Approval Years:</b> 92,93,94,95,96,97,98 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 1699 <b>SIC Description:</b> OTHER PLASTIC PROD.				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 252 <b>Waste Class Desc:</b> WASTE OILS & LUBRICANTS					
<a href="#">52</a>	7 of 13	SSW/173.9	177.1 / 2.23	<b>Aditya Birla Minacs Worldwide Inc.</b> <b>9515 Montrose Rd</b> <b>Niagara Falls ON</b>	CA
<b>Certificate #:</b> 0502-7XUKPC <b>Application Year:</b> 2009 <b>Issue Date:</b> 11/25/2009 <b>Approval Type:</b> Air <b>Status:</b> Approved <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">52</a>	8 of 13	SSW/173.9	177.1 / 2.23	<b>Aditya Birla Minacs Worldwide Inc.</b> <b>9515 Montrose Rd</b> <b>Niagara Falls ON</b>	ECA
<b>Approval No:</b> 0502-7XUKPC <b>Approval Date:</b> 2009-11-25 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 9515 Montrose Rd <b>Full Address:</b>				<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.12464 <b>Latitude:</b> 43.039783 <b>Geometry X:</b> <b>Geometry Y:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Full PDF Link:</b>		https://www.accessenvironment.ene.gov.on.ca/instruments/6439-7WFSDH-14.pdf			
<a href="#">52</a>	9 of 13	SSW/173.9	177.1 / 2.23	<b>ARROW GAMES CORPORATION 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON6873775			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	CAROLINE WARKENTIN
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-7300 Ext.236
<b>SIC Code:</b>	323119				
<b>SIC Description:</b>	OTHER PRINTING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	265				
<b>Waste Class Desc:</b>	GRAPHIC ART WASTES				
<a href="#">52</a>	10 of 13	SSW/173.9	177.1 / 2.23	<b>BAZAAR &amp; NOVELTY LTD 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON6873775			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	CAROLINE WARKENTIN
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-354-7300 Ext.236
<b>SIC Code:</b>	323119				
<b>SIC Description:</b>	OTHER PRINTING				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	265				
<b>Waste Class Desc:</b>	GRAPHIC ART WASTES				
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<a href="#">52</a>	11 of 13	SSW/173.9	177.1 / 2.23	<b>ARROW GAMES CORPORATION 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON L0S 1K0</b>	<b>GEN</b>
<b>Generator No:</b>	ON6873775			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145 H			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		145 L			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		265 L			
<b>Waste Class Desc:</b>		Graphic arts wastes			
<a href="#">52</a>	12 of 13	SSW/173.9	177.1 / 2.23	9515 Montrose Rd Niagara Falls ON LOS1K0	EHS
<b>Order No:</b>	20161115135			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	NIAGARA FALLS
<b>Report Type:</b>	Site Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	16-NOV-16			<b>Search Radius (km):</b>	.001
<b>Date Received:</b>	15-NOV-16			<b>X:</b>	-79.125048
<b>Previous Site Name:</b>	Unknown			<b>Y:</b>	43.039299
<b>Lot/Building Size:</b>	NA				
<b>Additional Info Ordered:</b>					
<a href="#">52</a>	13 of 13	SSW/173.9	177.1 / 2.23	ARROW GAMES CORPORATION 9515 MONTROSE ROAD UNIT 2 PORT ROBINSON ON LOS 1K0	GEN
<b>Generator No:</b>	ON6873775			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020				
<b>Contam. Facility:</b>					
<b>MHSW Facility:</b>					
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		145 L			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		145 H			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		265 L			
<b>Waste Class Desc:</b>		Graphic arts wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">53</a>	1 of 9	N/229.7	179.1 / 4.24	JOE'S CONCRETE WORKS LIMITED 7868 OAKWOOD DR., PT.LOT 2 NIAGARA FALLS CITY ON L2E 6S5	CA
<b>Certificate #:</b>		8-2157-93-			
<b>Application Year:</b>		93			
<b>Issue Date:</b>		8/3/1993			
<b>Approval Type:</b>		Industrial air			
<b>Status:</b>		Approved			
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>		INSTALL PAINT SPRAY BOOTH			
<b>Contaminants:</b>		Xylene, N-Butyl Acetate, Toluene(Pentyl Methane)(Methyl Benzene), Ethyl Acetate, Hexamethylene Di-Isocyanate Monomer			
<b>Emission Control:</b>					
<a href="#">53</a>	2 of 9	N/229.7	179.1 / 4.24	ENSBRO PAINTING CONTRACTORS LTD. 14-818 7868 OAKWOOD DRIVE PO BOX 2204 NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b>		ON1305000		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		92,93,94,95,96,97,98		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		4275			
<b>SIC Description:</b>		PAINT. & DECOR. WORK			
<b>Detail(s)</b>					
<b>Waste Class:</b>		213			
<b>Waste Class Desc:</b>		PETROLEUM DISTILLATES			
<a href="#">53</a>	3 of 9	N/229.7	179.1 / 4.24	Krown Niagara 7868 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>		ON5206494		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>		05,06,07,08		<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>		238320			
<b>SIC Description:</b>		Painting and Wall Covering Contractors			
<b>Detail(s)</b>					
<b>Waste Class:</b>		251			
<b>Waste Class Desc:</b>		OIL SKIMMINGS & SLUDGES			
<a href="#">53</a>	4 of 9	N/229.7	179.1 / 4.24	Krown Niagara 7868 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>		ON5206494		<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	2010   238320			<b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>  Painting and Wall Covering Contractors	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	251 OIL SKIMMINGS & SLUDGES				
<a href="#">53</a>	5 of 9	N/229.7	179.1 / 4.24	<b>Krown Niagara</b> <b>7868 Oakwood Drive</b> <b>Niagara Falls ON L2E 6S5</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5206494  2011   238320			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>  Painting and Wall Covering Contractors	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>	251 OIL SKIMMINGS & SLUDGES				
<a href="#">53</a>	6 of 9	N/229.7	179.1 / 4.24	<b>7868 Oakwood Dr Niagara Falls On</b> <b>Niagara Falls ON L2E6S5</b>	EHS
<b>Order No:</b> <b>Status:</b> <b>Report Type:</b> <b>Report Date:</b> <b>Date Received:</b> <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>	20131025064 C Site Report 28-OCT-13 25-OCT-13			<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> <b>Search Radius (km):</b> <b>X:</b> <b>Y:</b>	
				ON .001 -79.120154 43.061614	
<a href="#">53</a>	7 of 9	N/229.7	179.1 / 4.24	<b>2349612 ONTARIO INC. O/A THE GROUNDS</b> <b>GUYS - NIAGARA FALLS</b> <b>7868 OAKWOOD DR SUITE A</b> <b>NIAGARA FALLS ON L2E6S5</b>	PES
<b>Detail Licence No:</b> <b>Licence No:</b> <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> <b>Licence Type:</b> <b>Licence Type Code:</b> <b>Licence Class:</b> <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b>	09622   Legacy Licenses (Excluding TS) Operator 02 01			<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> <b>Oper Phone No:</b> <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>	
				905 3565296	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: PDF Link:					
<a href="#">53</a>	8 of 9	N/229.7	179.1 / 4.24	2349612 ONTARIO INC. O/A THE GROUNDS GUYS - NIAGARA FALLS 7868 OAKWOOD DR SUITE A NIAGARA FALLS ON L2G0J6	PES
<b>Detail Licence No:</b> <b>Licence No:</b> 10195 <b>Status:</b> <b>Approval Date:</b> <b>Report Source:</b> Legacy Licenses (Excluding TS) <b>Licence Type:</b> Operator <b>Licence Type Code:</b> 02 <b>Licence Class:</b> 01 <b>Licence Control:</b> <b>Latitude:</b> <b>Longitude:</b> <b>Lot:</b> <b>Concession:</b> <b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>		<b>Operator Box:</b> <b>Operator Class:</b> <b>Operator No:</b> <b>Operator Type:</b> <b>Oper Area Code:</b> 905 <b>Oper Phone No:</b> 3565296 <b>Operator Ext:</b> <b>Operator Lot:</b> <b>Oper Concession:</b> <b>Operator Region:</b> <b>Operator District:</b> <b>Operator County:</b> <b>Op Municipality:</b> <b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>			
<a href="#">53</a>	9 of 9	N/229.7	179.1 / 4.24	CONSTANIN SARUC 7868 OAKWOOD DR Niagara Falls ON L2G 0J6	EASR
<b>Approval No:</b> R-001-3110412945 <b>Status:</b> REGISTERED <b>Date:</b> 2018-04-17 <b>Record Type:</b> EASR <b>Link Source:</b> MOFA <b>Project Type:</b> Automotive Refinishing Facility <b>Full Address:</b> <b>Approval Type:</b> EASR-Automotive Refinishing Facility <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2058314">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2058314</a>		<b>SWP Area Name:</b> Niagara Peninsula <b>MOE District:</b> Niagara <b>Municipality:</b> Niagara Falls <b>Latitude:</b> 43.06166667 <b>Longitude:</b> -79.12 <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">54</a>	1 of 1	N/110.0	179.8 / 5.00	lot 197 ON	WWIS
<b>Well ID:</b> 6601390 <b>Construction Date:</b> <b>Primary Water Use:</b> Domestic <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b>		<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 4/8/1955 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 5425 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY <b>Site Info:</b> <b>Lot:</b> 197 <b>Concession:</b> <b>Concession Name:</b> <b>Easting NAD83:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601390.pdf			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461124	<b>Elevation:</b>	179.55725
<b>DP2BR:</b>	50	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	652940.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4769426
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	2/10/1955	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932591562
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	01
<b>Most Common Material:</b>	FILL
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	0
<b>Formation End Depth:</b>	2
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	932591566
<b>Layer:</b>	5
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	12
<b>Mat2 Desc:</b>	STONES
<b>Mat3:</b>	
<b>Mat3 Desc:</b>	
<b>Formation Top Depth:</b>	42
<b>Formation End Depth:</b>	50
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932591564			
<b>Layer:</b>		3			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		18			
<b>Formation End Depth:</b>		37			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591567			
<b>Layer:</b>		6			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		62			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591563			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2			
<b>Formation End Depth:</b>		18			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591565			
<b>Layer:</b>		4			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		37			
<b>Formation End Depth:</b>		42			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966601390			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009694			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749064			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		50			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749065			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		62			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601390			
<b>Pump Set At:</b>					
<b>Static Level:</b>		24			
<b>Final Level After Pumping:</b>		30			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		6			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		0			
<b>Pumping Duration MIN:</b>		30			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933948669			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			

[55](#)      1 of 1      **N/186.2**      **179.0 / 4.15**      **lot 197  
ON**      **WWIS**

<b>Well ID:</b>	6601389	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic	<b>Date Received:</b>	12/9/1954
<b>Sec. Water Use:</b>	0	<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	3409
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>		<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	66
<b>Elevation (m):</b>		<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	197
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6601389.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6601389.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10461123	<b>Elevation:</b>	178.917816
<b>DP2BR:</b>	50	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653022.9
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4769432
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	6/20/1954	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	932591558
<b>Layer:</b>	1
<b>Color:</b>	
<b>General Color:</b>	
<b>Mat1:</b>	05
<b>Most Common Material:</b>	CLAY
<b>Mat2:</b>	
<b>Mat2 Desc:</b>	

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591560			
<b>Layer:</b>		3			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		45			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591561			
<b>Layer:</b>		4			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		56			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932591559			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		45			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966601389			
<b>Method Construction Code:</b>		1			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11009693			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749063			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		56			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930749062			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		50			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996601389			
<b>Pump Set At:</b>					
<b>Static Level:</b>		20			
<b>Final Level After Pumping:</b>		45			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		3			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		3			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933948668			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		52			
<b>Water Found Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">56</a>	1 of 1	NW/214.2	175.8 / 1.00	1340258 Ontario Inc.  Niagara Falls ON L2E 6S5	ECA
<b>Approval No:</b> 6329-AJZLRE <b>Approval Date:</b> 2017-03-03 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> Niagara Peninsula <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3571-AJYK5K-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3571-AJYK5K-14.pdf</a>		<b>MOE District:</b> Niagara <b>City:</b> <b>Longitude:</b> -79.1288 <b>Latitude:</b> 43.061 <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">57</a>	1 of 1	N/157.6	178.8 / 4.00	7818 Oakwood Dr Niagara Falls On Niagara Falls ON L2E6S5	EHS
<b>Order No:</b> 20131025063 <b>Status:</b> C <b>Report Type:</b> Site Report <b>Report Date:</b> 28-OCT-13 <b>Date Received:</b> 25-OCT-13 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .001 <b>X:</b> -79.120537 <b>Y:</b> 43.06242			
<a href="#">58</a>	1 of 1	N/74.6	179.8 / 5.00	ON	BORE
<b>Borehole ID:</b> 857767 <b>OGF ID:</b> 215577765 <b>Status:</b> Decommissioned <b>Type:</b> Borehole <b>Use:</b> Geotechnical/Geological Investigation <b>Completion Date:</b> 14-MAR-1967 <b>Static Water Level:</b> 0.5 <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> 16.2 <b>Depth Ref:</b> Ground Surface <b>Depth Elev:</b> <b>Drill Method:</b> Diamond Drill <b>Orig Ground Elev m:</b> 180 <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> 179 <b>Concession:</b> <b>Location D:</b> Proposed Underpass Northbound West Service Road to Northbound Q.E.W., District #4. The site is situated approx. 0.5 miles south of the junction of Q.E.W. and McLeod Road in the Township of Stamford, County of Welland.		<b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> 43.063009 <b>Longitude DD:</b> -79.122197 <b>UTM Zone:</b> 17 <b>Easting:</b> 652902 <b>Northing:</b> 4769523 <b>Location Accuracy:</b> <b>Accuracy:</b> Within 10 metres			
<b>Survey D:</b> <b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> 220433402 <b>Top Depth:</b> 14 <b>Bottom Depth:</b> 14.6 <b>Material Color:</b> <b>Material 1:</b> Till		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b>			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Glacial till **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433401			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	3.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clayey			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Reddish brown to grey silty clay to clayey silt with occasional seams of silt. Stiff to firm. Occasional gravel **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433400			<b>Mat Consistency:</b>	Very Stiff
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Brown clay with occasional layers of silt. Very stiff to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433403			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Sound dolomite limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>59</b>	<b>1 of 1</b>	<b>N/92.9</b>	<b>179.8 / 5.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	857766			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215577764			<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	13-MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	2.0			<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063023
<b>Total Depth m:</b>	15.2			<b>Longitude DD:</b>	-79.121939
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652923
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769525
<b>Orig Ground Elev m:</b>	181			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	179				
<b>Concession:</b>					
<b>Location D:</b>	Proposed Underpass Northbound West Service Road to Northbound Q.E.W., District #4. The site is situated approx. 0.5 miles south of the junction of Q.E.W. and McLeod Road in the Township of Stamford, County of Welland.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	220433396			<b>Mat Consistency:</b>	Very Stiff
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Brown clay with pockets of silt. Very stiff to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433397			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	3.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Reddish brown to grey silty clay with pockets and layers of silt. Stiff to firm. Occasional gravel.				
<b>Geology Stratum ID:</b>	220433399			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Sound Dolomite limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433398			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.6			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Glacial till **Note: Many records provided by the department have a truncated [Stratum Description] field.				

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1 of 1

NNE/96.2

176.9 / 2.02

ON

BORE

<b>Borehole ID:</b>	606332	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508140	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971	<b>Municipality:</b>	
<b>Static Water Level:</b>		<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.062941
<b>Total Depth m:</b>	11.5	<b>Longitude DD:</b>	-79.118356

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653215
<b>Drill Method:</b>	Hollow stem auger			<b>Northing:</b>	4769523
<b>Orig Ground Elev m:</b>	179			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	176				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373443			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Soil			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SOIL.				
<b>Geology Stratum ID:</b>	218373447			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	9.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,CLAY. VARI-COLOURED,LOOSE.				
<b>Geology Stratum ID:</b>	218373446			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	5.9			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT(68). VARI-COLOURED,SOFT.				
<b>Geology Stratum ID:</b>	218373448			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	10.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND(18),GRAVEL(68),SILT(14). DENSE. 022 023 030 029 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373444			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Stones			<b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>				<b>Depositional Gen:</b>	
		CLAY,SILT,STONES. BROWN,STIFF.			
<b>Geology Stratum ID:</b>	218373445			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	4.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b> <b>Stratum Description:</b>		SILT. RED,LOOSE.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>		Urban Geology Automated Information System (UGAIS)			
<b>Source Details:</b>		File: NIAGARA.txt RecordID: 050020 NTS_Sheet: 30M03A			
<b>Confiden 1:</b>		Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>		Urban Geology Automated Information System (UGAIS)			
<b>Source Originators:</b>		Geological Survey of Canada			

<u>61</u>	1 of 1	N/8.7	177.8 / 3.00	ON	BORE
<b>Borehole ID:</b>	857769			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215577767			<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	17-MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	3.4			<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063031
<b>Total Depth m:</b>	17.1			<b>Longitude DD:</b>	-79.123007
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652836
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769524
<b>Orig Ground Elev m:</b>	180			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	178				
<b>Concession:</b>					
<b>Location D:</b>		Proposed Underpass Northbound West Service Road to Northbound Q.E.W., District #4. The site is situated approx. 0.5 miles south of the junction of Q.E.W. and McLeod Road in the Township of Stamford, County of Welland.			
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	220433408			<b>Mat Consistency:</b>	Very Stiff
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Brown silty clay with layers of silt. Very stiff to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433410			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	5.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clayey			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Reddish brown to grey silty clay to clayey silt with occasional layers of silt. Occasional gravel. Stiff to firm **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433411			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Glacial till (silt, sand and gravel) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433409			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	5.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Reddish brown silt **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433412			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	15.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	17.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Sound dolomite limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.				

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N/43.9

179.6 / 4.76

ON

BORE

**Borehole ID:** 857768  
**OGF ID:** 215577766  
**Status:** Decommissioned

**Inclin FLG:** No  
**SP Status:** Initial Entry  
**Surv Elev:** No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	15-MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.3			<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063078
<b>Total Depth m:</b>	18			<b>Longitude DD:</b>	-79.122576
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652871
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769530
<b>Orig Ground Elev m:</b>	181			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	180				
<b>Concession:</b>					
<b>Location D:</b>	Proposed Underpass Northbound West Service Road to Northbound Q.E.W., District #4. The site is situated approx. 0.5 miles south of the junction of Q.E.W. and McLeod Road in the Township of Stamford, County of Welland.				
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	220433405			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	4.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clayey			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>	Reddish brown to grey silty clay to clayey silt with occasional layers of silt and with occasional gravel. Stiff to firm				
<b>Stratum Description:</b>	**Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433404			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silty			<b>Geologic Group:</b>	
<b>Material 3:</b>	Clay			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>	Brown silty clay to clay. Hard to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Stratum Description:</b>	Brown silty clay to clay. Hard to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433406			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	15.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>	Glacial till, silt, sand and gravel **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Stratum Description:</b>	Glacial till, silt, sand and gravel **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433407			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	16.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	18			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 4:</b>		<b>Depositional Gen:</b>			
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		Sound dolomite limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<a href="#">63</a>	1 of 1	SE/292.0	173.4 / -1.43	7269 and 6533 reixinger road niagara falls ON L2E 6S6	EHS
<b>Order No:</b>	20060111001	<b>Nearest Intersection:</b>	Dell road		
<b>Status:</b>	C	<b>Municipality:</b>			
<b>Report Type:</b>	Custom Report	<b>Client Prov/State:</b>	ON		
<b>Report Date:</b>	1/19/2006	<b>Search Radius (km):</b>	1		
<b>Date Received:</b>	1/11/2006	<b>X:</b>	-79.111486		
<b>Previous Site Name:</b>		<b>Y:</b>	43.0396		
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">64</a>	1 of 1	N/16.1	178.7 / 3.86	ON	BORE
<b>Borehole ID:</b>	857770	<b>Inclin FLG:</b>	No		
<b>OGF ID:</b>	215577768	<b>SP Status:</b>	Initial Entry		
<b>Status:</b>	Decommissioned	<b>Surv Elev:</b>	No		
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No		
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>			
<b>Completion Date:</b>	16-MAR-1967	<b>Municipality:</b>			
<b>Static Water Level:</b>	0.9	<b>Lot:</b>			
<b>Primary Water Use:</b>		<b>Township:</b>			
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.063081		
<b>Total Depth m:</b>	17.3	<b>Longitude DD:</b>	-79.123313		
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17		
<b>Depth Elev:</b>		<b>Easting:</b>	652811		
<b>Drill Method:</b>	Diamond Drill	<b>Northing:</b>	4769529		
<b>Orig Ground Elev m:</b>	180	<b>Location Accuracy:</b>			
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Within 10 metres		
<b>DEM Ground Elev m:</b>	178				
<b>Concession:</b>					
<b>Location D:</b>	Proposed Underpass Northbound West Service Road to Northbound Q.E.W., District #4. The site is situated approx. 0.5 miles south of the junction of Q.E.W. and McLeod Road in the Township of Stamford, County of Welland.				
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	220433414	<b>Mat Consistency:</b>	Stiff		
<b>Top Depth:</b>	4.1	<b>Material Moisture:</b>			
<b>Bottom Depth:</b>	9.1	<b>Material Texture:</b>			
<b>Material Color:</b>	Red-Brown	<b>Non Geo Mat Type:</b>			
<b>Material 1:</b>	Silt	<b>Geologic Formation:</b>			
<b>Material 2:</b>	Gravel	<b>Geologic Group:</b>			
<b>Material 3:</b>		<b>Geologic Period:</b>			
<b>Material 4:</b>		<b>Depositional Gen:</b>			
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Reddish brown to grey silt with pockets or layers of silt. Stiff to firm. (with occasional gravel) **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	220433413	<b>Mat Consistency:</b>	Very Stiff		
<b>Top Depth:</b>	0	<b>Material Moisture:</b>			
<b>Bottom Depth:</b>	4.1	<b>Material Texture:</b>			
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>			
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>			
<b>Material 2:</b>	Silty	<b>Geologic Group:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Silt			<b>Geologic Period:</b> <b>Depositional Gen:</b>	
				Brown to reddish brown clay to silty clay with pockets of silt. Very stiff to stiff **Note: Many records provided by the department have a truncated [Stratum Description] field.	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	220433416 15.8 17.3  Bedrock Limestone Dolomite			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
				Sound dolomite limestone bedrock **Note: Many records provided by the department have a truncated [Stratum Description] field.	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	220433415 9.1 15.8  Till Silt Sand Gravel			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	glacial
				Glacial till (silt, sand and gravel) **Note: Many records provided by the department have a truncated [Stratum Description] field.	

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NNE/88.2

175.8 / 0.95

ON

BORE

<b>Borehole ID:</b>	606333	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508141	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971	<b>Municipality:</b>	
<b>Static Water Level:</b>	1.0	<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.063006
<b>Total Depth m:</b>	12.1	<b>Longitude DD:</b>	-79.117888
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17
<b>Depth Elev:</b>		<b>Easting:</b>	653253
<b>Drill Method:</b>	Hollow stem auger	<b>Northing:</b>	4769531
<b>Orig Ground Elev m:</b>	180	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	176		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218373450	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	.2	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.7	<b>Material Texture:</b>	
<b>Material Color:</b>	Rust	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>	Organic	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	organic



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT,ORGANIC. RUST.			
<b>Geology Stratum ID:</b>	218373453			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	11			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	12.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Stones			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SAND,GRAVEL,SILT, STONES. GLACIAL,AGE GLACIAL. 026 025 031 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Geology Stratum ID:</b>	218373449			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Soil			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SOIL.			
<b>Geology Stratum ID:</b>	218373452			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	6.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT(60). VARI-COLOURED,SOFT.			
<b>Geology Stratum ID:</b>	218373451			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	4.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT. RED, WATER STABLE AT 588.8 FEET.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Idem:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 050030 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Scale or Resolution:</b> Varies					
<b>Source Name:</b> Urban Geology Automated Information System (UGAIS)					
<b>Source Originators:</b> Geological Survey of Canada					

**66**      1 of 1      **NNE/106.2**      **175.7 / 0.88**      **ON**      **BORE**

<b>Borehole ID:</b>	606334	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508142	<b>SP Status:</b>	Initial Entry
<b>Status:</b>		<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971	<b>Municipality:</b>	
<b>Static Water Level:</b>	1.1	<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.062923
<b>Total Depth m:</b>	13.8	<b>Longitude DD:</b>	-79.117264
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17
<b>Depth Elev:</b>		<b>Easting:</b>	653304
<b>Drill Method:</b>	Hollow stem auger	<b>Northing:</b>	4769523
<b>Orig Ground Elev m:</b>	181	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	175		
<b>Concession:</b>			
<b>Location D:</b>			
<b>Survey D:</b>			
<b>Comments:</b>			

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218373454	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.5	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Stones	<b>Geologic Group:</b>	
<b>Material 3:</b>	Soil	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	FILL,STONES,SOIL.		

<b>Geology Stratum ID:</b>	218373457	<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	7.3	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.5	<b>Material Texture:</b>	
<b>Material Color:</b>	Red	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	CLAY,SILT. VARI-COLOURED,SOFT.		

<b>Geology Stratum ID:</b>	218373459	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	11.7	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	13.8	<b>Material Texture:</b>	
<b>Material Color:</b>	Grey	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel	<b>Geologic Group:</b>	
<b>Material 3:</b>	Stones	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	SAND,GRAVEL,STONES. GREY,GLACIAL,AGE GLACIAL. 025 022 028 02 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218373455			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT. BROWN,STIFF.			
<b>Geology Stratum ID:</b>	218373456			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	4.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT,CLAY,SAND. RED,DENSE, WATER STABLE AT 590.6 FEET.			
<b>Geology Stratum ID:</b>	218373458			<b>Mat Consistency:</b>	Wet
<b>Top Depth:</b>	10.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT(96). RED,WET.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 050040 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>67</b>	<b>1 of 1</b>	<b>NNE/94.8</b>	<b>175.9 / 1.07</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	606328			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508136			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.9			<b>Lot:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.062972
<b>Total Depth m:</b>	11.5			<b>Longitude DD:</b>	-79.117496
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653285
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4769528
<b>Orig Ground Elev m:</b>	179			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	175				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373429			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Stones			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,STONES. VARI-COLOURED,STIFF.				
<b>Geology Stratum ID:</b>	218373430			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	4.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.9			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT. RED,LOOSE, WATER STABLE AT 585.9 FEET.				
<b>Geology Stratum ID:</b>	218373432			<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	9.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,CLAY. VARI-COLOURED,LOOSE.				
<b>Geology Stratum ID:</b>	218373433			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	10.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Gravel			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	GRAVEL(68),SAND(17),SILT(12). VERY DENSE. 023 030 032 029 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373428			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.1			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	Soil			<b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373431 5.9 9.3 Red Clay Silt			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Soft
		SOIL.			
				CLAY(50),SILT(50). VARI-COLOURED,SOFT.	
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Ident:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: NIAGARA.txt RecordID: 049980 NTS_Sheet: 30M03A Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<b>68</b>	<b>1 of 1</b>	<b>NNE/107.0</b>	<b>174.8 / 0.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>OGF ID:</b> <b>Status:</b> <b>Type:</b> <b>Use:</b> <b>Completion Date:</b> <b>Static Water Level:</b> <b>Primary Water Use:</b> <b>Sec. Water Use:</b> <b>Total Depth m:</b> <b>Depth Ref:</b> <b>Depth Elev:</b> <b>Drill Method:</b> <b>Orig Ground Elev m:</b> <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>	606329 215508137  Borehole Geotechnical/Geological Investigation AUG-1971 1.1 Not Used  13.8 Ground Surface  Power auger 181  175			<b>Inclin FLG:</b> <b>SP Status:</b> <b>Surv Elev:</b> <b>Piezometer:</b> <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> <b>Longitude DD:</b> <b>UTM Zone:</b> <b>Easting:</b> <b>Northing:</b> <b>Location Accuracy:</b> <b>Accuracy:</b>	No Initial Entry No No    43.062966 -79.117127 17 653315 4769528 Not Applicable

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218373434			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Stones			<b>Geologic Group:</b>	
<b>Material 3:</b>	Soil			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	FILL,STONES,SOIL.				
<b>Geology Stratum ID:</b>	218373438			<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	10.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	11.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>				<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT(95). RED,FIRM.				
<b>Geology Stratum ID:</b>	218373436			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	4.6			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	7.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,CLAY,SAND. RED,COMPACT,STRATIFIED, WATER STABLE AT 590.7 FEET.				
<b>Geology Stratum ID:</b>	218373439			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	11.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	13.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Sand			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Clay			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SAND,GRAVEL,SILT, CLAY. GREY,DENSE. 025 022 029 025 00015 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218373435			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT. VARI-COLOURED,STIFF.				
<b>Geology Stratum ID:</b>	218373437			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	7.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Red			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT. VARI-COLOURED,SOFT.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 049990 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>69</b>	<b>1 of 1</b>	<b>N/65.4</b>	<b>179.8 / 5.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	602963			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215504775			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.0			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063276
<b>Total Depth m:</b>	16.2			<b>Longitude DD:</b>	-79.122276
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652895
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769553
<b>Orig Ground Elev m:</b>	180			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	179				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b>Borehole Geology Stratum</b>					
<b>Geology Stratum ID:</b>	218359700			<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT. BROWN,VERY SOFT TO HARD, LAYERED.			
<b>Geology Stratum ID:</b>	218359701			<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	3.7			<b>Material Moisture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth:</b>	14			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,GRAVEL. BROWN,FIRM, WATER STABLE AT 591.7 FEET.				
<b>Geology Stratum ID:</b>	218359702			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE, DOLOMITE. SOUND. 025028035 0230300452040045 **Note: Many records provided by the department have a truncated [Stratum Description] field.				

### Source

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 002230 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

### Source List

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

<u>70</u>	1 of 1	NNE/128.9	174.5 / -0.35	ON	BORE
<b>Borehole ID:</b>	606335			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508143			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.062915
<b>Total Depth m:</b>	4.9			<b>Longitude DD:</b>	-79.116761
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653345
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4769523
<b>Orig Ground Elev m:</b>	171			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	174				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Comments:

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218373460	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.4	<b>Material Texture:</b>	
<b>Material Color:</b>	Red	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Stones	<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite	<b>Geologic Period:</b>	
<b>Material 4:</b>	Sand	<b>Depositional Gen:</b>	fill

**Gsc Material Description:**  
**Stratum Description:** FILL,STONES,DOLOMITE,SAND. RED.

<b>Geology Stratum ID:</b>	218373461	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	2.4	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.4	<b>Material Texture:</b>	
<b>Material Color:</b>	Buff	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Soil	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	

**Gsc Material Description:**  
**Stratum Description:** SOIL,DOLOMITE. BUFF,FRACTURED.

<b>Geology Stratum ID:</b>	218373462	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	3.4	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.9	<b>Material Texture:</b>	
<b>Material Color:</b>	Buff	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite	<b>Geologic Group:</b>	
<b>Material 3:</b>	Gypsum	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	

**Gsc Material Description:**  
**Stratum Description:** BEDROCK,DOLOMITE, GYPSUM. BUFF. 00000075 \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Source**

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 050050 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

**Source List**

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

<a href="#">71</a>	1 of 1	N/55.4	179.8 / 5.00	ON	BORE
<b>Borehole ID:</b>	602962	<b>Inclin FLG:</b>	No		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>OGF ID:</b>	215504774			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.2			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.06336
<b>Total Depth m:</b>	15.2			<b>Longitude DD:</b>	-79.121905
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652925
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769563
<b>Orig Ground Elev m:</b>	181			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	179				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218359699			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.2			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	BEDROCK,LIMESTONE, DOLOMITE. SOUND. 025025050 022040045800000 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218359697			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT. BROWN, SENSITIVE TO VERY SENSITIVE.				
<b>Geology Stratum ID:</b>	218359698			<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	3.7			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.3			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,GRAVEL. BROWN,FIRM,LAYERED, WATER STABLE AT 593.3 FEET.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Details:</b>		File: NIAGARA.txt RecordID: 002220 NTS_Sheet: 30M03A			
<b>Confiden 1:</b>		Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<u>72</u>	1 of 1	N/1.3	178.8 / 4.00	ON	BORE
<b>Borehole ID:</b>	602965			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215504777			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.3			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.06329
<b>Total Depth m:</b>	17.1			<b>Longitude DD:</b>	-79.123135
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652825
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769553
<b>Orig Ground Elev m:</b>	180			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	178				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	218359708	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.2	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	CLAY,SILT. BROWN, SENSITIVE TO VERY SENSITIVE.		
<b>Geology Stratum ID:</b>	218359710	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.8	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	17.1	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone	<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite	<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	BEDROCK,LIMESTONE, DOLOMITE. SOUND. 023028040 020028038. SOUN **Note: Many records provided by the department have a truncated [Stratum Description] field.		
<b>Geology Stratum ID:</b>	218359709	<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	5.2	<b>Material Moisture:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth:</b>	14.8			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,GRAVEL. BROWN,FIRM,LAYERED, WATER STABLE AT 590.8 FEET.				

### Source

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 002250 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

### Source List

<b>Source Identifier:</b>	1	<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey	<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972	<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies		
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Originators:</b>	Geological Survey of Canada		

<u>73</u>	1 of 1	NNE/154.4	174.2 / -0.66	ON	BORE
<b>Borehole ID:</b>	606336	<b>Inclin FLG:</b>	No		
<b>OGF ID:</b>	215508144	<b>SP Status:</b>	Initial Entry		
<b>Status:</b>		<b>Surv Elev:</b>	No		
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No		
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>			
<b>Completion Date:</b>	AUG-1971	<b>Municipality:</b>			
<b>Static Water Level:</b>	0.1	<b>Lot:</b>			
<b>Primary Water Use:</b>	Not Used	<b>Township:</b>			
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.062908		
<b>Total Depth m:</b>	5.6	<b>Longitude DD:</b>	-79.116331		
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17		
<b>Depth Elev:</b>		<b>Easting:</b>	653380		
<b>Drill Method:</b>	Power auger	<b>Northing:</b>	4769523		
<b>Orig Ground Elev m:</b>	172	<b>Location Accuracy:</b>			
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Not Applicable		
<b>DEM Ground Elev m:</b>	173				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

### Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218373463	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.5	<b>Material Texture:</b>	
<b>Material Color:</b>	Red	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite	<b>Geologic Group:</b>	
<b>Material 3:</b>	Stones	<b>Geologic Period:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 4:</b>	Clay			<b>Depositional Gen:</b>	fill
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		FILL,DOLOMITE,STONES,CLAY. RED.			
<b>Geology Stratum ID:</b>	218373464			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	2.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	2.8			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Soil			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SOIL,DOLOMITE. WATER STABLE AT 564.3 FEET.			
<b>Geology Stratum ID:</b>	218373465			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	2.8			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5.6			<b>Material Texture:</b>	
<b>Material Color:</b>	Buff			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		BEDROCK,DOLOMITE. BUFF,VUGGY. 00000023 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 050060 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>74</b>	<b>1 of 1</b>	<b>NNE/147.4</b>	<b>173.8 / -1.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	606331			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215508139			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	AUG-1971			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.1			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.062954
<b>Total Depth m:</b>	66.6			<b>Longitude DD:</b>	-79.116391
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653375
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4769528

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Orig Ground Elev m:</b> <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b>	172			<b>Location Accuracy:</b> <b>Accuracy:</b>	Not Applicable
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373442 2.8 66.6 Buff Bedrock Dolomite Gypsum			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
		BEDROCK,DOLOMITE, GYPSUM. BUFF, WATER STABLE AT 564.4 FEET.00000023 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218373441 0 2.8 Red Fill Stones Silt Gravel			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	fill
		FILL,STONES,SILT, GRAVEL. VARI-COLOURED,VUGGY.			
<b><u>Source</u></b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Iden:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
		Urban Geology Automated Information System (UGAIS) File: NIAGARA.txt RecordID: 050010 NTS_Sheet: 30M03A Logged by professional. Exact and complete description of material and properties.			
<b><u>Source List</u></b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<b>75</b>	<b>1 of 1</b>	<b>N/39.3</b>	<b>179.8 / 5.00</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b> <b>OGF ID:</b> <b>Status:</b> <b>Type:</b> <b>Use:</b> <b>Completion Date:</b>	602964 215504776  Borehole Geotechnical/Geological Investigation MAR-1967			<b>Inclin FLG:</b> <b>SP Status:</b> <b>Surv Elev:</b> <b>Piezometer:</b> <b>Primary Name:</b> <b>Municipality:</b>	No Initial Entry No No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:	0.0			Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	43.063462
Total Depth m:	18			Longitude DD:	-79.122639
Depth Ref:	Ground Surface			UTM Zone:	17
Depth Elev:				Easting:	652865
Drill Method:	Diamond Drill			Northing:	4769573
Orig Ground Elev m:	181			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	180				
Concession:					
Location D:					
Survey D:					
Comments:					

### Borehole Geology Stratum

**Geology Stratum ID:** 218359704 **Mat Consistency:** Hard  
**Top Depth:** 1.5 **Material Moisture:**  
**Bottom Depth:** 4.6 **Material Texture:**  
**Material Color:** Brown **Non Geo Mat Type:**  
**Material 1:** Clay **Geologic Formation:**  
**Material 2:** Silt **Geologic Group:**  
**Material 3:** **Geologic Period:**  
**Material 4:** **Depositional Gen:**  
**Gsc Material Description:**  
**Stratum Description:** CLAY,SILT. BROWN,VERY SOFT TO HARD, WATER STABLE AT 595.6 FEET.

**Geology Stratum ID:** 218359705 **Mat Consistency:** Firm  
**Top Depth:** 4.6 **Material Moisture:**  
**Bottom Depth:** 15.1 **Material Texture:**  
**Material Color:** Brown **Non Geo Mat Type:**  
**Material 1:** Clay **Geologic Formation:**  
**Material 2:** Silt **Geologic Group:**  
**Material 3:** Gravel **Geologic Period:**  
**Material 4:** **Depositional Gen:**  
**Gsc Material Description:**  
**Stratum Description:** CLAY,SILT,GRAVEL. BROWN,FIRM.

**Geology Stratum ID:** 218359706 **Mat Consistency:**  
**Top Depth:** 15.1 **Material Moisture:**  
**Bottom Depth:** 16.5 **Material Texture:**  
**Material Color:** **Non Geo Mat Type:**  
**Material 1:** Till **Geologic Formation:**  
**Material 2:** Silt **Geologic Group:**  
**Material 3:** Sand **Geologic Period:**  
**Material 4:** Gravel **Depositional Gen:** glacial  
**Gsc Material Description:**  
**Stratum Description:** TILL,SILT,SAND, GRAVEL. GLACIAL.

**Geology Stratum ID:** 218359707 **Mat Consistency:**  
**Top Depth:** 16.5 **Material Moisture:**  
**Bottom Depth:** 18 **Material Texture:**  
**Material Color:** **Non Geo Mat Type:**  
**Material 1:** Bedrock **Geologic Formation:**  
**Material 2:** Limestone **Geologic Group:**  
**Material 3:** Dolomite **Geologic Period:**  
**Material 4:** **Depositional Gen:**  
**Gsc Material Description:**  
**Stratum Description:** BEDROCK,LIMESTONE, DOLOMITE. SOUND. 023025045 023023050 020030035 \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

**Geology Stratum ID:** 218359703 **Mat Consistency:** Stiff  
**Top Depth:** 0 **Material Moisture:**  
**Bottom Depth:** 1.5 **Material Texture:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT. BROWN,STIFF.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Ident:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 002240 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>76</b>	<b>1 of 1</b>	<b>N/30.6</b>	<b>179.0 / 4.21</b>	<b>ON</b>	<b>BORE</b>
<b>Borehole ID:</b>	602966			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215504778			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	MAR-1967			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.1			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063476
<b>Total Depth m:</b>	17.5			<b>Longitude DD:</b>	-79.123498
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652795
<b>Drill Method:</b>	Diamond Drill			<b>Northing:</b>	4769573
<b>Orig Ground Elev m:</b>	180			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	178				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b>Borehole Geology Stratum</b>					
<b>Geology Stratum ID:</b>	218359711			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	4.1			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT. BROWN,VERY SOFT.			
<b>Geology Stratum ID:</b>	218359712			<b>Mat Consistency:</b>	Firm
<b>Top Depth:</b>	4.1			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	15.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		SILT,CLAY,GRAVEL. BROWN,FIRM,LAYERED, WATER STABLE AT 592.2 FEET.			
<b>Geology Stratum ID:</b>	218359713			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	15.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	17.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Limestone			<b>Geologic Group:</b>	
<b>Material 3:</b>	Dolomite			<b>Geologic Period:</b>	
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		BEDROCK,LIMESTONE, DOLOMITE. SOUND. 025028050 02203504040 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 002260 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>77</b>	1 of 1	<b>SSE/65.5</b>	<b>175.8 / 0.93</b>	<b>QEW junkyard II</b>	<b>ANDR</b>
<b>Niagara Falls ON L2G</b>					
<b>Legal Description:</b>					
<b>Location Description:</b>		Willoughby BF Lot 9 pt.			
<b>Municipality:</b>		E of QEW at dead end of road, N side of Reixinger Rd			
<b>Current Municipality:</b>		Niagara Falls City			
<b>RM:</b>		Niagara Falls City			
<b>Facility:</b>		Niagara Region			
<b>Date Active:</b>		Auto Junkyard			
<b>Date Begun:</b>		1980			
<b>Date Complete:</b>					
<b>Area (Ha):</b>					
<b>Landfill Type:</b>					
<b>Group Name:</b>					
<b>Operated By:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Serial:</b>		JY NIA29 1980			
<b>NTS:</b>		30M03			
<b>Diameter (m):</b>		125			
<b>Historical Summary:</b>					
QEW junkyard II 1980 NTS Map 30M03 Shown on the 1984 NTS 1:50,000 Map Niagara ON Sheet 30M03/30M06 Edition 6 (Air photos 1980, checks 1981, publication 1984). 1996 MapArt The site is located east of QEW at dead end of road ([1996] MapArt Corporation, Golden Horseshoe Atlas, 1996 Edition, ISBN 1-55198-384-2).					
<b>Waste Type:</b>					
<b>UTM X Nad 27:</b>		653400			
<b>UTM Y Nad 27:</b>		4766475			
<b>UTM Zone:</b>		17			

<a href="#">78</a>	1 of 1	WNW/261.9	175.8 / 1.00	NIAGARA FALLS CITY-PT. LOTS 209 & 210 KALAR RD./BROWN RD./CHIPPAWA NIAGARA FALLS CITY ON	CA
<b>Certificate #:</b> 3-1363-91-					
<b>Application Year:</b> 91					
<b>Issue Date:</b> 9/5/1991					
<b>Approval Type:</b> Municipal sewage					
<b>Status:</b> Approved					
<b>Application Type:</b>					
<b>Client Name:</b>					
<b>Client Address:</b>					
<b>Client City:</b>					
<b>Client Postal Code:</b>					
<b>Project Description:</b>					
<b>Contaminants:</b>					
<b>Emission Control:</b>					

<a href="#">79</a>	1 of 1	N/5.4	179.8 / 5.00	ON	BORE
<b>Borehole ID:</b> 603655					
<b>OGF ID:</b> 215505464					
<b>Status:</b>					
<b>Type:</b> Borehole					
<b>Use:</b> Geotechnical/Geological Investigation					
<b>Completion Date:</b> OCT-1965					
<b>Static Water Level:</b> 0.2					
<b>Primary Water Use:</b> Not Used					
<b>Sec. Water Use:</b>					
<b>Total Depth m:</b> 16.1					
<b>Depth Ref:</b> Ground Surface					
<b>Depth Elev:</b>					
<b>Drill Method:</b> Diamond Drill					
<b>Orig Ground Elev m:</b> 180					
<b>Elev Reliabil Note:</b>					
<b>DEM Ground Elev m:</b> 179					
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> 218361925					
<b>Top Depth:</b> 14.6					
<b>Mat Consistency:</b>					
<b>Material Moisture:</b>					
<b>Inclin FLG:</b> No					
<b>SP Status:</b> Initial Entry					
<b>Surv Elev:</b> No					
<b>Piezometer:</b> No					
<b>Primary Name:</b>					
<b>Municipality:</b>					
<b>Lot:</b>					
<b>Township:</b>					
<b>Latitude DD:</b> 43.063817					
<b>Longitude DD:</b> -79.122321					
<b>UTM Zone:</b> 17					
<b>Easting:</b> 652890					
<b>Northing:</b> 4769613					
<b>Location Accuracy:</b>					
<b>Accuracy:</b> Not Applicable					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	16.1 Bedrock Dolomite			<b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Stratum Description:</b>	BEDROCK,DOLOMITE. SOUND. 022022043 02002803500000035 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218361924 3 14.6 Brown Silt Clay			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Firm
<b>Stratum Description:</b>	SILT(90),CLAY(05). BROWN,FIRM, WATER STABLE AT 592.2 FEET.				
<b>Geology Stratum ID:</b> <b>Top Depth:</b> <b>Bottom Depth:</b> <b>Material Color:</b> <b>Material 1:</b> <b>Material 2:</b> <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>	218361923 0 3 Brown Clay Silt			<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	Hard
<b>Stratum Description:</b>	CLAY,SILT. BROWN,VERY SOFT TO HARD.				
<b>Source</b>					
<b>Source Type:</b> <b>Source Orig:</b> <b>Source Date:</b> <b>Confidence:</b> <b>Observatio:</b> <b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Data Survey Geological Survey of Canada 1956-1972 H			<b>Source Appl:</b> <b>Source Ident:</b> <b>Scale or Res:</b> <b>Horizontal:</b> <b>Verticalda:</b>	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
<b>Source Name:</b> <b>Source Details:</b> <b>Confiden 1:</b>	Urban Geology Automated Information System (UGAIS) File: NIAGARA.txt RecordID: 010680 NTS_Sheet: 30M03A Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b> <b>Source Type:</b> <b>Source Date:</b> <b>Scale or Resolution:</b> <b>Source Name:</b> <b>Source Originators:</b>	1 Data Survey 1956-1972 Varies			<b>Horizontal Datum:</b> <b>Vertical Datum:</b> <b>Projection Name:</b>	NAD27 Mean Average Sea Level Universal Transverse Mercator
<b>Source Name:</b> <b>Source Originators:</b>	Urban Geology Automated Information System (UGAIS) Geological Survey of Canada				
<b>80</b>	1 of 6	<b>SSE/76.9</b>	<b>179.9 / 5.09</b>	<b>Sealer Works Inc</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON</b>	<b>GEN</b>
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	ON5737072 2012			<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>SIC Description:</b>	Painting and Wall Covering Contractors				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">80</a>	2 of 6	SSE/76.9	179.9 / 5.09	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238320				
<b>SIC Description:</b>	PAINTING AND WALL COVERING CONTRACTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<a href="#">80</a>	3 of 6	SSE/76.9	179.9 / 5.09	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2G0S3	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238320				
<b>SIC Description:</b>	PAINTING AND WALL COVERING CONTRACTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<a href="#">80</a>	4 of 6	SSE/76.9	179.9 / 5.09	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	238320				
<b>SIC Description:</b>	PAINTING AND WALL COVERING CONTRACTORS				
<b>Detail(s)</b>					
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<a href="#">80</a>	5 of 6	SSE/76.9	179.9 / 5.09	Sealer Works Inc 7171 Reixinger Road Niagara Falls ON L2E6S6	GEN
<b>Generator No:</b>	ON5737072			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**MHSW Facility:** No  
**SIC Code:** 238320  
**SIC Description:** PAINTING AND WALL COVERING CONTRACTORS  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 145  
**Waste Class Desc:** PAINT/PIGMENT/COATING RESIDUES

<a href="#">80</a>	6 of 6	SSE/76.9	179.9 / 5.09	<b>Sealer Works Inc Proline Pavement Markings</b> <b>7171 Reixinger Road</b> <b>Niagara Falls ON L2G0S3</b>	GEN
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<b>Generator No:</b> ON5737072 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>	<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>
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**Detail(s)**

**Waste Class:** 145 L  
**Waste Class Desc:** Wastes from the use of pigments, coatings and paints

<a href="#">81</a>	1 of 5	NNW/122.3	178.8 / 3.94	<b>ROMAN CHEESE</b> <b>7770 CANADIAN DR.</b> <b>NIAGARA FALLS CITY ON L2E 6S5</b>	SPL
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<b>Ref No:</b> 47716 <b>Site No:</b> <b>Incident Dt:</b> 3/17/1991 <b>Year:</b> <b>Incident Cause:</b> ABOVE-GROUND TANK LEAK <b>Incident Event:</b> <b>Contaminant Code:</b> <b>Contaminant Name:</b> <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> NOT ANTICIPATED <b>Nature of Impact:</b> <b>Receiving Medium:</b> LAND / AIR <b>Receiving Env:</b> <b>MOE Response:</b> <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 3/17/1991 <b>Dt Document Closed:</b> <b>Incident Reason:</b> UNKNOWN <b>Site Name:</b> <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> ROMAN CHEESE - LIQUID NITROGEN LEAKING FROM STORAGE TANK. <b>Contaminant Qty:</b>	<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b> <b>Site Address:</b> <b>Site District Office:</b> <b>Site Postal Code:</b> <b>Site Region:</b> <b>Site Municipality:</b> 18101 <b>Site Lot:</b> <b>Site Conc:</b> <b>Northing:</b> <b>Easting:</b> PD, FD <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>
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<a href="#">81</a>	2 of 5	NNW/122.3	178.8 / 3.94	<b>Roman Cheese Products Limited</b> <b>7770 Canadian Dr RR 2</b> <b>Niagara Falls ON L2E 6S5</b>	SCT
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**Established:** 01-JUL-65

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Plant Size (ft²):</b>		85000			
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Other Specialty-Line Food Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		413190			
<b>Description:</b>		Frozen Food Manufacturing			
<b>SIC/NAICS Code:</b>		311410			
<b>Description:</b>		Frozen Food Manufacturing			
<b>SIC/NAICS Code:</b>		311410			
<a href="#">81</a>	3 of 5	<b>NNW/122.3</b>	<b>178.8 / 3.94</b>	<b>ROMAN CHEESE PRODUCTS LIMITED 7770 CANADIAN DR NIAGARA FALLS ON L2E 6S5</b>	<b>SCT</b>
<b>Established:</b>		1965			
<b>Plant Size (ft²):</b>		0			
<b>Employment:</b>		25			
<b>--Details--</b>					
<b>Description:</b>		FROZEN SPECIALTIES, N.E.C.			
<b>SIC/NAICS Code:</b>		2038			
<a href="#">81</a>	4 of 5	<b>NNW/122.3</b>	<b>178.8 / 3.94</b>	<b>Roman Cheese Products Limited - Frozen Food Division 7770 Canadian Dr RR 2 Niagara Falls ON L2E 6S5</b>	<b>SCT</b>
<b>Established:</b>		1965			
<b>Plant Size (ft²):</b>		85000			
<b>Employment:</b>		70			
<b>--Details--</b>					
<b>Description:</b>		Other Specialty-Line Food Wholesaler-Distributors			
<b>SIC/NAICS Code:</b>		413190			
<a href="#">81</a>	5 of 5	<b>NNW/122.3</b>	<b>178.8 / 3.94</b>	<b>Roman Cheese Products Limited 7770 Canadian Dr Niagara Falls ON L2E 6S5</b>	<b>SCT</b>
<b>Established:</b>		8/1/1965			
<b>Plant Size (ft²):</b>					
<b>Employment:</b>					
<b>--Details--</b>					
<b>Description:</b>		Butter, Cheese, and Dry and Condensed Dairy Product Manufacturing			
<b>SIC/NAICS Code:</b>		311515			
<a href="#">82</a>	1 of 9	<b>NNE/6.9</b>	<b>175.8 / 0.94</b>	<b>7606 Oakwood Drive Niagara Falls ON L2E 6S5</b>	<b>CA</b>
<b>Certificate #:</b>		3175-4QLLTK			
<b>Application Year:</b>		00			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b>		11/1/00 Municipal & Private sewage Approved Amended CofA Corporation of the Regional Municipality of Niagara 2201 St. David's Road, PO Box 1042 Thorold L2V 4T7		This application is for the provision of five (5) new raw sewage pumps, new electrical generator, new control building and all appurtenances as well as modifications to an existing overflow chamber to meet guidelines for overflow control.	
<b>Contaminants:</b> <b>Emission Control:</b>					
<a href="#">82</a>	2 of 9	NNE/6.9	175.8 / 0.94	Niagara Falls Southside High Lift Sewage Pumping Station 7606 Oakwood Drive Niagara Falls ON L2E 6S5	CA
<b>Certificate #:</b> <b>Application Year:</b> <b>Issue Date:</b> <b>Approval Type:</b> <b>Status:</b> <b>Application Type:</b> <b>Client Name:</b> <b>Client Address:</b> <b>Client City:</b> <b>Client Postal Code:</b> <b>Project Description:</b> <b>Contaminants:</b> <b>Emission Control:</b>		6614-4QUKM7 00 11/17/00 Industrial air Approved New Certificate of Approval Corporation of the Regional Municipality of Niagara 2201 St. David's Road, PO Box 1042 Thorold L2V 4T7 Installation of a 750 kW generator Silencer			
<a href="#">82</a>	3 of 9	NNE/6.9	175.8 / 0.94	REGIONAL MUNICIPALITY OF NIAGARA 7606 OAKWOOD DRIVE NIAGARA FALLS ON L2E 6S5	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON8722981 02,03,04		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		243 PCB'S			
<a href="#">82</a>	4 of 9	NNE/6.9	175.8 / 0.94	Regional Municipality of Niagara 7606 Oakwood Drive Niagara Falls ON L2E 6S5	SPL
<b>Ref No:</b> <b>Site No:</b> <b>Incident Dt:</b> <b>Year:</b> <b>Incident Cause:</b> <b>Incident Event:</b> <b>Contaminant Code:</b>		5271-7YTR62 Other Discharges 44		<b>Discharger Report:</b> <b>Material Group:</b> <b>Health/Env Conseq:</b> <b>Client Type:</b> <b>Sector Type:</b> <b>Agency Involved:</b> <b>Nearest Watercourse:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Name:</b>	SEWAGE,RAW UNCHLORINATED			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>	Soil Contamination			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>	Planned Field Response			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>	12/18/2009			<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	12/17/2009			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	Highlift Pumping Station<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Highlift PS:Sewage to gnd from forcemain due to damaged line				
<b>Contaminant Qty:</b>					

<a href="#">82</a>	5 of 9	NNE/6.9	175.8 / 0.94	<b>The Regional Municipality of Niagara 7606 Oakwood Dr Niagara Falls ON L2E 6S5</b>	<b>SPL</b>
<b>Ref No:</b>	3843-7YUMUU			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	
<b>Incident Dt:</b>				<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Discharge Or Bypass To A Watercourse			<b>Sector Type:</b>	Sewage Treatment
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	44			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	SEWAGE,RAW CHLORINATED			<b>Site Address:</b>	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	
<b>Nature of Impact:</b>	Surface Water Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4769601
<b>MOE Response:</b>	Planned Field Response			<b>Easting:</b>	653354
<b>Dt MOE Arvl on Scn:</b>	12/18/2009			<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	12/18/2009			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	Sewage Bypasses / Overflows
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	High Lift Pump Station				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	High Lift Pumping Stn: chlorinated raw sewage to Niagara R.				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">82</a>	6 of 9	NNE/6.9	175.8 / 0.94	<b>REGIONAL MUNICIPALITY OF NIAGARA - PUBLIC WORKS - WATER &amp; WASTEWATER SERVICE MAINTENANCE 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA ON</b>	<b>CFOT</b>
<b>Licence No:</b>				<b>Item Description:</b>	Fuel Oil Tank
<b>Registration No:</b>				<b>Instance Type:</b>	FS Fuel Oil Tank
<b>Posse File No:</b>				<b>Facility Type:</b>	FS Fuel Oil Tank
<b>Posse Reg No:</b>				<b>Fuel Type:</b>	Fuel Oil
<b>Status Name:</b>				<b>Distributor:</b>	
<b>Tank Type:</b>	Double Wall UST			<b>Letter Sent:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Tank Size:</b>	9213			<b>Comments:</b>	
<b>Tank Material:</b>	Steel			<b>Corrosion Protect:</b>	Sacrificial anode
<b>Instance No:</b>	46143425			<b>Province:</b>	
<b>Inst Creation Date:</b>	11/21/2006			<b>Nbr:</b>	
<b>Inst Install Date:</b>	11/21/2006			<b>Context:</b>	FS Fuel Oil Tank
<b>Item:</b>	FS FUEL OIL TANK				
<b>Tank Age (as of 05/1992):</b>					
<b>Device Installed Location:</b>	7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA				
<b>Description:</b>	NULL				
<b>Contact Name:</b>					
<b>Contact Address:</b>					
<b>Contact Address2:</b>					
<b>Contact Suite:</b>					
<b>Contact City:</b>					
<b>Contact Prov:</b>					
<b>Contact Postal:</b>					

<a href="#">82</a>	7 of 9	NNE/6.9	175.8 / 0.94	<b>The Regional Municipality of Niagara 7606 Oakwood Drive; 3450 Stanley Ave Niagara Falls; Niagara Falls ON L2E 6V8</b>	<b>SPL</b>
<b>Ref No:</b>	8477-9HD5EY			<b>Discharger Report:</b>	
<b>Site No:</b>	NA; 2652-5E2MNX			<b>Material Group:</b>	
<b>Incident Dt:</b>	2014/03/19			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Bypass			<b>Sector Type:</b>	Sewer (Private or Municipal)
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	44			<b>Nearest Watercourse:</b>	Great Lakes - St. Lawrence; Lake Ontario; Niagara River - Southern Lake Ontario Tributaries; Upper Niagara River
<b>Contaminant Name:</b>	SEWAGE,PRIMARY UNCHLORINATED			<b>Site Address:</b>	7606 Oakwood Drive; 3450 Stanley Ave
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	L2E 6V8
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Confirmed			<b>Site Municipality:</b>	Niagara Falls; Niagara Falls
<b>Nature of Impact:</b>	Surface Water Pollution			<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4776463
<b>MOE Response:</b>	No Field Response			<b>Easting:</b>	655732
<b>Dt MOE Arvl on Scrn:</b>				<b>Site Geo Ref Accu:</b>	NA
<b>MOE Reported Dt:</b>	2014/03/19			<b>Site Map Datum:</b>	NAD83
<b>Dt Document Closed:</b>	2014/05/30			<b>SAC Action Class:</b>	Sewage Bypasses / Overflows
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	
<b>Site Name:</b>	High-lift Pump Station<UNOFFICIAL>; WW Niagara Falls - Stamford WPCP				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>	10 -100 metres eg. Topographic Map				
<b>Incident Summary:</b>	DWMD WW Spill - Niagara Falls WWTP: BP equip fail				
<b>Contaminant Qty:</b>	0 other - see incident description				

<a href="#">82</a>	8 of 9	NNE/6.9	175.8 / 0.94	<b>The Regional Municipality of Niagara 7606 Oakwood Dr South Side High Lift Sewage Pumping Station; 3450 Stanley Ave Niagara Falls; Niagara Falls ON</b>	<b>SPL</b>
<b>Ref No:</b>	6026-BCEQKL			<b>Discharger Report:</b>	
<b>Site No:</b>	4487-9HZK2B; 2652-5E2MNX			<b>Material Group:</b>	
<b>Incident Dt:</b>	5/21/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment
<b>Year:</b>				<b>Client Type:</b>	Municipal Government
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>	Overflow/Surcharge			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	7606 Oakwood Dr South Side High Lift Sewage

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Environment Impact:</b> <b>Nature of Impact:</b> <b>Receiving Medium:</b> <b>Receiving Env:</b> Surface Water <b>MOE Response:</b> No <b>Dt MOE Arvl on Scn:</b> <b>MOE Reported Dt:</b> 5/22/2019 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Unknown / N/A <b>Site Name:</b> 7606 Oakwood Drive; WW Niagara Falls - Stamford WPCP <b>Site County/District:</b> Regional Municipality of Niagara; Regional Municipality of Niagara <b>Site Geo Ref Meth:</b> NA; 10 -100 metres eg. Topographic Map <b>Incident Summary:</b> DWMD WW Spill - SS High Lift Station overflow from PS - May 22 2019 <b>Contaminant Qty:</b>				<b>Site District Office:</b> Pumping Station; 3450 Stanley Ave <b>Site Postal Code:</b> Niagara; Niagara L2H 2Y6; L2E 6V8 <b>Site Region:</b> West Central <b>Site Municipality:</b> Niagara Falls; Niagara Falls <b>Site Lot:</b> <b>Site Conc:</b> NA; NA <b>Northing:</b> NA; 4776463 <b>Easting:</b> NA; 655732 <b>Site Geo Ref Accu:</b> NA; NA <b>Site Map Datum:</b> NA; NAD83 <b>SAC Action Class:</b> Notifications <b>Source Type:</b>	

<a href="#">82</a>	9 of 9	NNE/6.9	175.8 / 0.94	<b>REGIONAL MUNICIPALITY OF NIAGARA -  PUBLIC WORKS - WATER &amp; WASTEWATER  SERVICE  MAINTENANCE 7606 OAKWOOD DR NIAGARA  FALLS L2E 6S5 ON CA  ON</b>	FST
<b>Instance No:</b> 46143425 <b>Status:</b> Active <b>Cont Name:</b> <b>Instance Type:</b> <b>Item:</b> <b>Item Description:</b> Fuel Oil Tank <b>Tank Type:</b> Double Wall UST <b>Install Date:</b> 11/21/2006 <b>Install Year:</b> 2001 <b>Years in Service:</b> 4.4 <b>Model:</b> NULL <b>Description:</b> NULL <b>Capacity:</b> 9213 <b>Tank Material:</b> Steel <b>Corrosion Protect:</b> Sacrificial anode <b>Overfill Protect:</b> <b>Facility Type:</b> FS FUEL OIL TANK <b>Parent Facility Type:</b> <b>Facility Location:</b> 7606 OAKWOOD DR NIAGARA FALLS L2E 6S5 ON CA <b>Device Installed Location:</b>				<b>Manufacturer:</b> NULL <b>Serial No:</b> NULL <b>Ulc Standard:</b> NULL <b>Quantity:</b> 1 <b>Unit of Measure:</b> EA <b>Fuel Type:</b> <b>Fuel Type2:</b> <b>Fuel Type3:</b> <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tanks Single Wall St:</b> <b>Piping Underground:</b> <b>Num Underground:</b> <b>Panam Related:</b> NULL <b>Panam Venue:</b> NULL	

<a href="#">83</a>	1 of 5	NNE/6.9	175.8 / 0.94	<b>The Regional Municipality of Niagara  7606 Oakwood Dr South Side High Lift Sewage  Pumping Station  Niagara Falls ON L2V 4T7</b>	ECA
<b>Approval No:</b> 2337-9STL2Y <b>Approval Date:</b> 2015-02-24 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 7606 Oakwood Dr South Side High Lift Sewage Pumping Station <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1472-9HZJYP-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1472-9HZJYP-14.pdf</a>				<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">83</a>	2 of 5	NNE/6.9	175.8 / 0.94	The Regional Municipality of Niagara 7606 Oakwood Dr Niagara Falls ON L2V 4T7	ECA
<b>Approval No:</b> 1680-9XLNPD <b>Approval Date:</b> 2015-06-24 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 7606 Oakwood Dr <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6348-9JERPW-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6348-9JERPW-14.pdf</a>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">83</a>	3 of 5	NNE/6.9	175.8 / 0.94	The Regional Municipality of Niagara 7606 Oakwood Dr Niagara Falls ON	ECA
<b>Approval No:</b> 6614-4QUKM7 <b>Approval Date:</b> 2000-11-17 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-AIR <b>Project Type:</b> AIR <b>Address:</b> 7606 Oakwood Dr <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4115-4NWJLM-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4115-4NWJLM-14.pdf</a>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">83</a>	4 of 5	NNE/6.9	175.8 / 0.94	The Regional Municipality of Niagara 7606 Oakwood Dr Niagara Falls ON	ECA
<b>Approval No:</b> 3175-4QLLTK <b>Approval Date:</b> 2000-11-01 <b>Status:</b> Revoked and/or Replaced <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS <b>Address:</b> 7606 Oakwood Dr <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3180-4PMRWV-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3180-4PMRWV-14.pdf</a>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			
<a href="#">83</a>	5 of 5	NNE/6.9	175.8 / 0.94	The Regional Municipality of Niagara 7606 Oakwood Drive Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b> ON7658094 <b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 221320		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_ADMIN <b>Co Admin:</b> Kristin Kristin Kent <b>Phone No Admin:</b> 5196640767 Ext.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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SIC Description: SEWAGE TREATMENT FACILITIES

Detail(s)

Waste Class: 221  
Waste Class Desc: LIGHT FUELS

84      1 of 1      **N/34.1**      **179.8 / 5.00**      ON      **BORE**

<b>Borehole ID:</b>	852052	<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215574734	<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned	<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole	<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation	<b>Primary Name:</b>	
<b>Completion Date:</b>	01-OCT-1965	<b>Municipality:</b>	
<b>Static Water Level:</b>	2.5	<b>Lot:</b>	
<b>Primary Water Use:</b>		<b>Township:</b>	
<b>Sec. Water Use:</b>		<b>Latitude DD:</b>	43.064172
<b>Total Depth m:</b>	16.1	<b>Longitude DD:</b>	-79.122322
<b>Depth Ref:</b>	Ground Surface	<b>UTM Zone:</b>	17
<b>Depth Elev:</b>		<b>Easting:</b>	652889
<b>Drill Method:</b>	Diamond Drill	<b>Northing:</b>	4769652
<b>Orig Ground Elev m:</b>	180	<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>		<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	180		

**Concession:**  
**Location D:** Functional Study of Q.E.W., Hwy. #405 to South Limits of Niagara Falls, Ontario - District #4. It is proposed to reconstruct the existing Q.E.W. to a six/eight lane controlled access highway from Highway #405 to the South Limits of Niagara Falls and to r

**Survey D:**  
**Comments:** 275ft N. of Hydro tower, South of McLeod Rd. on QEW

Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218621232	<b>Mat Consistency:</b>	Hard
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.6	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt	<b>Geologic Period:</b>	
<b>Material 4:</b>	Clayey	<b>Depositional Gen:</b>	

**Gsc Material Description:**  
**Stratum Description:** silty clay to clayey silt. Hard to firm, brown to red brown. A layer of dense silt at approx, 17.5 to 19 feet of depth  
\*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

<b>Geology Stratum ID:</b>	218621233	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	14.6	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	16.1	<b>Material Texture:</b>	
<b>Material Color:</b>		<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Bedrock	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Dolomite	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	
<b>Material 4:</b>		<b>Depositional Gen:</b>	

**Gsc Material Description:**  
**Stratum Description:** Sound bedrock - dolomite \*\*Note: Many records provided by the department have a truncated [Stratum Description] field.

85      1 of 1      **NNE/145.9**      **177.4 / 2.61**      ON      **BORE**

**Borehole ID:** 607296      **Inclin FLG:** No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>OGF ID:</b>	215509100			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	OCT-1971			<b>Municipality:</b>	
<b>Static Water Level:</b>	0.2			<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.063713
<b>Total Depth m:</b>	10.7			<b>Longitude DD:</b>	-79.115999
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653405
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4769613
<b>Orig Ground Elev m:</b>	181			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	176				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b>	218378154			<b>Mat Consistency:</b>	Soft
<b>Top Depth:</b>	6.2			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.7			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,GRAVEL. BROWN,SOFT,LAMINATED, AGE QUATERNARY. 025 030 030 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	218378152			<b>Mat Consistency:</b>	Stiff
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	5			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	CLAY,SILT,GRAVEL. BROWN,STIFF,LAMINATED, AGE QUATERNARY.				
<b>Geology Stratum ID:</b>	218378153			<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay			<b>Geologic Group:</b>	
<b>Material 3:</b>				<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	SILT,CLAY. BROWN,COMPACT,SEAMS, AGE QUATERNARY, WATER STABLE AT 594.8 FEET.				
<b><u>Source</u></b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Details:</b>		File: NIAGARA.txt RecordID: 059670 NTS_Sheet: 30M03A			
<b>Confiden 1:</b>		Logged by professional. Exact and complete description of material and properties.			
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				

<u>86</u>	1 of 1	NNE/37.2	175.9 / 1.02	ON	BORE
<b>Borehole ID:</b>	607306			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215509110			<b>SP Status:</b>	Initial Entry
<b>Status:</b>				<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	OCT-1971			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>	Not Used			<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.064099
<b>Total Depth m:</b>	3			<b>Longitude DD:</b>	-79.117584
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	653275
<b>Drill Method:</b>	Power auger			<b>Northing:</b>	4769653
<b>Orig Ground Elev m:</b>	181			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Not Applicable
<b>DEM Ground Elev m:</b>	175				
<b>Concession:</b>					
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

#### Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218378182	<b>Mat Consistency:</b>	Compact
<b>Top Depth:</b>	0	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	3	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>		<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>		<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	CLAY,SILT. BROWN,STIFF,SEAMS, AGE QUATERNARY. 020 0000025BROWN,COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

#### Source

<b>Source Type:</b>	Data Survey	<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada	<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972	<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H	<b>Horizontal:</b>	NAD27
<b>Observatio:</b>		<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)		
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 059770 NTS_Sheet: 30M03A		
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.		

#### Source List

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Source Identifier:</b> 1 <b>Source Type:</b> Data Survey <b>Source Date:</b> 1956-1972 <b>Scale or Resolution:</b> Varies <b>Source Name:</b> Urban Geology Automated Information System (UGAIS) <b>Source Originators:</b> Geological Survey of Canada <b>Horizontal Datum:</b> NAD27 <b>Vertical Datum:</b> Mean Average Sea Level <b>Projection Name:</b> Universal Transverse Mercator					
<a href="#">87</a>	1 of 1	N/45.3	179.8 / 5.00	The Corporation of the City of Niagara Falls Canadian Dr, Montrose Rd, et al. Niagara Falls ON	ECA
<b>Approval No:</b> 1157-5P9PWS <b>Approval Date:</b> 2003-07-22 <b>Status:</b> Approved <b>Record Type:</b> ECA <b>Link Source:</b> IDS <b>SWP Area Name:</b> <b>Approval Type:</b> ECA-Municipal Drinking Water Systems <b>Project Type:</b> Municipal Drinking Water Systems <b>Address:</b> Canadian Dr, Montrose Rd, et al. <b>Full Address:</b> <b>Full PDF Link:</b> <b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>					
<a href="#">88</a>	1 of 1	NNE/277.0	181.6 / 6.81	ON	BORE
<b>Borehole ID:</b> 607300 <b>OGF ID:</b> 215509104 <b>Status:</b> <b>Type:</b> Borehole <b>Use:</b> Geotechnical/Geological Investigation <b>Completion Date:</b> OCT-1971 <b>Static Water Level:</b> 0.4 <b>Primary Water Use:</b> Not Used <b>Sec. Water Use:</b> <b>Total Depth m:</b> 14.2 <b>Depth Ref:</b> Ground Surface <b>Depth Elev:</b> <b>Drill Method:</b> Power auger <b>Orig Ground Elev m:</b> 181 <b>Elev Reliabil Note:</b> <b>DEM Ground Elev m:</b> 181 <b>Concession:</b> <b>Location D:</b> <b>Survey D:</b> <b>Comments:</b> <b>Inclin FLG:</b> No <b>SP Status:</b> Initial Entry <b>Surv Elev:</b> No <b>Piezometer:</b> No <b>Primary Name:</b> <b>Municipality:</b> <b>Lot:</b> <b>Township:</b> <b>Latitude DD:</b> 43.063507 <b>Longitude DD:</b> -79.114409 <b>UTM Zone:</b> 17 <b>Easting:</b> 653535 <b>Northing:</b> 4769593 <b>Location Accuracy:</b> <b>Accuracy:</b> Not Applicable					
<b><u>Borehole Geology Stratum</u></b>					
<b>Geology Stratum ID:</b> 218378165 <b>Top Depth:</b> 6.2 <b>Bottom Depth:</b> 12.3 <b>Material Color:</b> Grey <b>Material 1:</b> Clay <b>Material 2:</b> Silt <b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b> CLAY,SILT. GREY,SOFT,LAYERED, AGE QUATERNARY, WATER STABLE AT 594.2 FEET. <b>Mat Consistency:</b> Soft <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> Quaternary <b>Depositional Gen:</b>					
<b>Geology Stratum ID:</b> 218378164 <b>Mat Consistency:</b> Stiff					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	6.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>	Till			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		CLAY,SILT,GRAVEL, TILL. BROWN,STIFF,LAMINATED, AGE QUATERNARY.			
<b>Geology Stratum ID:</b>	218378166			<b>Mat Consistency:</b>	Dense
<b>Top Depth:</b>	12.3			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	14.2			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt			<b>Geologic Group:</b>	
<b>Material 3:</b>	Gravel			<b>Geologic Period:</b>	Quaternary
<b>Material 4:</b>				<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>		TILL,SILT,GRAVEL. BROWN,DENSE,AGE QUATERNARY. 020 030 020 002050400 **Note: Many records provided by the department have a truncated [Stratum Description] field.			
<b>Source</b>					
<b>Source Type:</b>	Data Survey			<b>Source Appl:</b>	Spatial/Tabular
<b>Source Orig:</b>	Geological Survey of Canada			<b>Source Iden:</b>	1
<b>Source Date:</b>	1956-1972			<b>Scale or Res:</b>	Varies
<b>Confidence:</b>	H			<b>Horizontal:</b>	NAD27
<b>Observatio:</b>				<b>Verticalda:</b>	Mean Average Sea Level
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Details:</b>	File: NIAGARA.txt RecordID: 059710 NTS_Sheet: 30M03A				
<b>Confiden 1:</b>	Logged by professional. Exact and complete description of material and properties.				
<b>Source List</b>					
<b>Source Identifier:</b>	1			<b>Horizontal Datum:</b>	NAD27
<b>Source Type:</b>	Data Survey			<b>Vertical Datum:</b>	Mean Average Sea Level
<b>Source Date:</b>	1956-1972			<b>Projection Name:</b>	Universal Transverse Mercator
<b>Scale or Resolution:</b>	Varies				
<b>Source Name:</b>	Urban Geology Automated Information System (UGAIS)				
<b>Source Originators:</b>	Geological Survey of Canada				
<b>89</b>	<b>1 of 1</b>	<b>SSE/40.2</b>	<b>174.8 / 0.00</b>	<b>QEW between McLeod Rd and Lions Creek Pkwy Toronto bound QEW NIAGARA FALLS&lt;UNOFFICIAL&gt; Niagara Falls ON</b>	<b>SPL</b>
<b>Ref No:</b>	4856-6PDVWQ			<b>Discharger Report:</b>	
<b>Site No:</b>				<b>Material Group:</b>	Wastes
<b>Incident Dt:</b>	5/1/2006			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>	Other Transport Accident			<b>Sector Type:</b>	Other Motor Vehicle
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	41			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL AND WATER MIXTURE			<b>Site Address:</b>	QEW BETWEEN MCLEOD RD AND LIONS CREEK PKWY TORONTO BOUND
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible			<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Air			<b>Site Lot:</b>	
<b>Receiving Medium:</b>	Air			<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	4766589



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MOE Response:</b> <b>Dt MOE Arvl on Scrn:</b> <b>MOE Reported Dt:</b> 5/1/2006 <b>Dt Document Closed:</b> <b>Incident Reason:</b> Other - Reason not otherwise defined <b>Site Name:</b> QEW BETWEEN MCLEOD RD AND LIONS CREEK PKWY TORONTO BOUND <b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Incident Summary:</b> QEW Niagara Falls: MVA Tractor trailer fire diesel spill <b>Contaminant Qty:</b> Not Specific Unknown				<b>Eastings:</b> 653371 <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>SAC Action Class:</b> <b>Source Type:</b>	

<a href="#">90</a>	1 of 1	SSE/36.4	179.1 / 4.31	7089 Reixinger Rd Niagara Falls ON L2E 6S6	EHS
<b>Order No:</b> 20130123035 <b>Status:</b> C <b>Report Type:</b> Standard Select Report <b>Report Date:</b> 01-FEB-13 <b>Date Received:</b> 23-JAN-13 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> City Directory				<b>Nearest Intersection:</b> <b>Municipality:</b> Niagara Falls <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -79.113109 <b>Y:</b> 43.037259	

<a href="#">91</a>	1 of 1	SSE/26.6	178.7 / 3.89	lot 9 ON	WWIS
<b>Well ID:</b> 6602252 <b>Construction Date:</b> <b>Primary Water Use:</b> Public <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Water Supply <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>				<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 12/9/1954 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 3409 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY (WILLOUGHBY) <b>Site Info:</b> <b>Lot:</b> 009 <b>Concession:</b> <b>Concession Name:</b> BF WR <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>	
<b>PDF URL (Map):</b>		<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6602252.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6602252.pdf</a>			

#### Bore Hole Information

<b>Bore Hole ID:</b> 10461985 <b>DP2BR:</b> 85 <b>Spatial Status:</b> <b>Code OB:</b> r <b>Code OB Desc:</b> Bedrock <b>Open Hole:</b> <b>Cluster Kind:</b> <b>Date Completed:</b> 5/31/1954 <b>Remarks:</b> <b>Elevrc Desc:</b>		<b>Elevation:</b> 175.44487 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 653724 <b>North83:</b> 4766671 <b>Org CS:</b> <b>UTMRC:</b> 9 <b>UTMRC Desc:</b> unknown UTM <b>Location Method:</b> p9	
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Location Source Date:</i>					
<i>Improvement Location Source:</i>					
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>			932594353		
<i>Layer:</i>			3		
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>			12		
<i>Most Common Material:</i>			STONES		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			80		
<i>Formation End Depth:</i>			83		
<i>Formation End Depth UOM:</i>			ft		
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>			932594355		
<i>Layer:</i>			5		
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>			15		
<i>Most Common Material:</i>			LIMESTONE		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			85		
<i>Formation End Depth:</i>			92		
<i>Formation End Depth UOM:</i>			ft		
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>			932594354		
<i>Layer:</i>			4		
<i>Color:</i>					
<i>General Color:</i>					
<i>Mat1:</i>			08		
<i>Most Common Material:</i>			FINE SAND		
<i>Mat2:</i>					
<i>Mat2 Desc:</i>					
<i>Mat3:</i>					
<i>Mat3 Desc:</i>					
<i>Formation Top Depth:</i>			83		
<i>Formation End Depth:</i>			85		
<i>Formation End Depth UOM:</i>			ft		
<u><i>Overburden and Bedrock</i></u>					
<u><i>Materials Interval</i></u>					
<i>Formation ID:</i>			932594352		
<i>Layer:</i>			2		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		10			
<b>Formation End Depth:</b>		80			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932594351			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		10			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966602252			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010555			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930750597			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		92			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602252			
<b>Pump Set At:</b>					
<b>Static Level:</b>		14			
<b>Final Level After Pumping:</b>		35			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		10			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		4			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b>Water Details</b>					
<b>Water ID:</b>		933949555			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		92			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">92</a>	1 of 1	NNW/279.5	177.8 / 3.00	7555 MONTROSE RD. NIAGARA FALLS ON	WWIS
<b>Well ID:</b>	7323787			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>	Monitoring			<b>Date Received:</b>	12/6/2018
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Observation Wells			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7238
<b>Casing Material:</b>				<b>Form Version:</b>	7
<b>Audit No:</b>	Z292968			<b>Owner:</b>	
<b>Tag:</b>	A252592			<b>Street Name:</b>	7555 MONTROSE RD.
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

PDF URL (Map):

**Bore Hole Information**

<b>Bore Hole ID:</b>	1007322628	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>		<b>East83:</b>	652550
<b>Code OB Desc:</b>		<b>North83:</b>	4769673
<b>Open Hole:</b>		<b>Org CS:</b>	UTM83
<b>Cluster Kind:</b>		<b>UTMRC:</b>	4
<b>Date Completed:</b>	11/13/2018	<b>UTMRC Desc:</b>	margin of error : 30 m - 100 m
<b>Remarks:</b>		<b>Location Method:</b>	wwr
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007712216			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>		12			
<b>Mat3 Desc:</b>		STONES			
<b>Formation Top Depth:</b>		5			
<b>Formation End Depth:</b>		11.5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		1007712215			
<b>Layer:</b>		1			
<b>Color:</b>		8			
<b>General Color:</b>		BLACK			
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		05			
<b>Mat2 Desc:</b>		CLAY			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		5			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007712225			
<b>Layer:</b>		3			
<b>Plug From:</b>		3.5			
<b>Plug To:</b>		11.5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007712224			
<b>Layer:</b>		2			
<b>Plug From:</b>		1			
<b>Plug To:</b>		3.5			
<b>Plug Depth UOM:</b>		ft			
<b><u>Annular Space/Abandonment</u></b>					
<b><u>Sealing Record</u></b>					
<b>Plug ID:</b>		1007712223			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		1			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Plug Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1007712222			
<b>Method Construction Code:</b>		6			
<b>Method Construction:</b>		Boring			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1007712214			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1007712219			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		5			
<b>Casing Diameter:</b>		2			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1007712220			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		5			
<b>Screen End Depth:</b>		10			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		2.5			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		1007712218			
<b>Layer:</b>					
<b>Kind Code:</b>					
<b>Kind:</b>					
<b>Water Found Depth:</b>					
<b>Water Found Depth UOM:</b>		ft			
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>		1007712217			
<b>Diameter:</b>		8.25			
<b>Depth From:</b>		0			
<b>Depth To:</b>		10			
<b>Hole Depth UOM:</b>		ft			
<b>Hole Diameter UOM:</b>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>93</u>	1 of 1	N/139.1	179.8 / 5.00	ON	BORE
<b>Borehole ID:</b>	852768			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215575440			<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	12-JAN-2000			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	
<b>Primary Water Use:</b>				<b>Township:</b>	
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	43.065119
<b>Total Depth m:</b>	9.8			<b>Longitude DD:</b>	-79.122391
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	17
<b>Depth Elev:</b>				<b>Easting:</b>	652881
<b>Drill Method:</b>	Solid stem auger			<b>Northing:</b>	4769757
<b>Orig Ground Elev m:</b>	182			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 10 metres
<b>DEM Ground Elev m:</b>	179				
<b>Concession:</b>					
<b>Location D:</b>	High Mast Light Foundations, QEW from Lundy's Lane to McLeod Road, W.P. 349-98-00, Niagara Falls, Ontario. The site is located along the QEW from Lundy's Lane to approx. 500m south of McLeod Road in Niagara Falls, Ontario. Six boreholes drilled along t				
<b>Survey D:</b>					
<b>Comments:</b>					

#### Borehole Geology Stratum

<b>Geology Stratum ID:</b>	218623613	<b>Mat Consistency:</b>	Very Stiff
<b>Top Depth:</b>	1.6	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	8.7	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Clay	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Silt	<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand	<b>Geologic Period:</b>	
<b>Material 4:</b>	Silt	<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	Clay - very stiff, brown silty clay, trace of sand, medium plastic, W.T.P.L. with numerous thin partings of silt becoming stiff, with bluish grey fissures, and finally becoming soft, low plastic **Note: Many records provided by the department have a truncated [Stratum Description] field.		
<b>Geology Stratum ID:</b>	218623612	<b>Mat Consistency:</b>	
<b>Top Depth:</b>	1.4	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.6	<b>Material Texture:</b>	
<b>Material Color:</b>	Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Topsoil	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay	<b>Geologic Group:</b>	
<b>Material 3:</b>	Silty	<b>Geologic Period:</b>	
<b>Material 4:</b>	Organic	<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	Topsoil - dark brown silty clay, low organic **Note: Many records provided by the department have a truncated [Stratum Description] field.		
<b>Geology Stratum ID:</b>	218623614	<b>Mat Consistency:</b>	Loose
<b>Top Depth:</b>	8.7	<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	9.8	<b>Material Texture:</b>	
<b>Material Color:</b>	Red-Brown	<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Silt	<b>Geologic Formation:</b>	
<b>Material 2:</b>	Clay	<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand	<b>Geologic Period:</b>	
<b>Material 4:</b>	Clay	<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>			
<b>Stratum Description:</b>	Silt - loose, reddish brown silt, some clay, trace of sand, wet with occasional thin layers of grey clay **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Geology Stratum ID:</b>	218623611			<b>Mat Consistency:</b> Compact	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	1.4			<b>Material Texture:</b>	
<b>Material Color:</b>	Grey			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Fill			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Gravel			<b>Geologic Group:</b>	
<b>Material 3:</b>	Sand			<b>Geologic Period:</b>	
<b>Material 4:</b>	Limestone			<b>Depositional Gen:</b>	
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	Sand and gravel fill - compact, grey crushed limestone, wet with one 150mm layer of reddish brown silty fine sand.				

<a href="#">94</a>	1 of 4	SSE/90.4	169.1 / -5.73	<b>Nexterra Substructures Incorporated</b> 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">94</a>	2 of 4	SSE/90.4	169.1 / -5.73	<b>Nexterra Substructures Incorporated</b> 7226 Reixinger Road Niagara Falls ON L2E 6S6	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Rita Vitaterna
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905-357-3176 Ext.
<b>SIC Code:</b>	237110				
<b>SIC Description:</b>	WATER AND SEWER LINE AND RELATED STRUCTURES CONSTRUCTION				
<b>Detail(s)</b>					
<b>Waste Class:</b>	252				
<b>Waste Class Desc:</b>	WASTE OILS & LUBRICANTS				

<a href="#">94</a>	3 of 4	SSE/90.4	169.1 / -5.73	<b>Nexterra Substructures Incorporated</b> 7226 Reixinger Road Niagara Falls ON L2G 0R9	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">94</a>	4 of 4	SSE/90.4	169.1 / -5.73	Nexterra Substructures Incorporated 7226 Reixinger Road Niagara Falls ON L2G 0R9	GEN
<b>Generator No:</b>	ON8726314			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				

<a href="#">95</a>	1 of 1	SSE/64.1	166.7 / -8.13	lot 16 con 7 ON	WWIS
<b>Well ID:</b>	6602286			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Public			<b>Date Received:</b>	12/9/1954
<b>Sec. Water Use:</b>	0			<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	3409
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (WILLOUGHBY)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	016
<b>Well Depth:</b>				<b>Concession:</b>	07
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6602286.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6602286.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>	10462019	<b>Elevation:</b>	174.183074
<b>DP2BR:</b>	36	<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	17
<b>Code OB:</b>	r	<b>East83:</b>	653742
<b>Code OB Desc:</b>	Bedrock	<b>North83:</b>	4766581
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	6/4/1954	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	p9
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594464		
<b>Layer:</b>			5		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			15		
<b>Most Common Material:</b>			LIMESTONE		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			36		
<b>Formation End Depth:</b>			37		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594462		
<b>Layer:</b>			3		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			09		
<b>Most Common Material:</b>			MEDIUM SAND		
<b>Mat2:</b>			11		
<b>Mat2 Desc:</b>			GRAVEL		
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			33		
<b>Formation End Depth:</b>			34		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594463		
<b>Layer:</b>			4		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			11		
<b>Most Common Material:</b>			GRAVEL		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>			34		
<b>Formation End Depth:</b>			36		
<b>Formation End Depth UOM:</b>			ft		
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>			932594460		
<b>Layer:</b>			1		
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>			05		
<b>Most Common Material:</b>			CLAY		
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932594461			
<b>Layer:</b>		2			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		33			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966602286			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11010589			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930750650			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		36			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		996602286			
<b>Pump Set At:</b>					
<b>Static Level:</b>		12			
<b>Final Level After Pumping:</b>		20			
<b>Recommended Pump Depth:</b>					
<b>Pumping Rate:</b>		8			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>					
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933949589			
<b>Layer:</b>		1			
<b>Kind Code:</b>		3			
<b>Kind:</b>		SULPHUR			
<b>Water Found Depth:</b>		36			
<b>Water Found Depth UOM:</b>		ft			

<a href="#">96</a>	1 of 1	SSW/235.6	175.8 / 1.00	lot 1 ON	WWIS
<b>Well ID:</b>		6600612		<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b> 1	
<b>Primary Water Use:</b>		Not Used		<b>Date Received:</b> 1/6/1961	
<b>Sec. Water Use:</b>		0		<b>Selected Flag:</b> Yes	
<b>Final Well Status:</b>		Test Hole		<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b> 2801	
<b>Casing Material:</b>				<b>Form Version:</b> 1	
<b>Audit No:</b>				<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b> 66	
<b>Elevation (m):</b>				<b>Municipality:</b> NIAGARA FALLS CITY (CROWLAND)	
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b> 001	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b> BF	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6600612.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600612.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b>		10460346		<b>Elevation:</b> 177.350769	
<b>DP2BR:</b>		80		<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b> 17	
<b>Code OB:</b>		r		<b>East83:</b> 652791.9	
<b>Code OB Desc:</b>		Bedrock		<b>North83:</b> 4766407	
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b> 5	
<b>Date Completed:</b>		6/22/1960		<b>UTMRC Desc:</b> margin of error : 100 m - 300 m	
<b>Remarks:</b>				<b>Location Method:</b> p5	
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**

**Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		932589377			
<b>Layer:</b>		7			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		63			
<b>Formation End Depth:</b>		77			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589378			
<b>Layer:</b>		8			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		77			
<b>Formation End Depth:</b>		80			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589375			
<b>Layer:</b>		5			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		06			
<b>Mat2 Desc:</b>		SILT			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		50			
<b>Formation End Depth:</b>		55			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589376			
<b>Layer:</b>		6			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		06			
<b>Most Common Material:</b>		SILT			
<b>Mat2:</b>		08			
<b>Mat2 Desc:</b>		FINE SAND			
<b>Mat3:</b>		09			
<b>Mat3 Desc:</b>		MEDIUM SAND			
<b>Formation Top Depth:</b>		55			
<b>Formation End Depth:</b>		63			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589379			
<b>Layer:</b>		9			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		15			
<b>Most Common Material:</b>		LIMESTONE			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		80			
<b>Formation End Depth:</b>		81			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589373			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		39			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589372			
<b>Layer:</b>		2			
<b>Color:</b>		7			
<b>General Color:</b>		RED			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		1			
<b>Formation End Depth:</b>		15			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589374			
<b>Layer:</b>		4			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		39			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		932589371			
<b>Layer:</b>		1			
<b>Color:</b>					
<b>General Color:</b>					
<b>Mat1:</b>		02			
<b>Most Common Material:</b>		TOPSOIL			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0			
<b>Formation End Depth:</b>		1			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		966600612			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11008916			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930747635			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		51			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933385504			
<b>Layer:</b>		1			
<b>Slot:</b>					
<b>Screen Top Depth:</b>		51			
<b>Screen End Depth:</b>		61			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Screen Diameter:

**Results of Well Yield Testing**

**Pump Test ID:** 996600612  
**Pump Set At:**  
**Static Level:** 8  
**Final Level After Pumping:** 10  
**Recommended Pump Depth:**  
**Pumping Rate:** 8  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 8  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Water Details**

**Water ID:** 933947881  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 55  
**Water Found Depth UOM:** ft

<a href="#">97</a>	1 of 1	SSW/245.3	175.8 / 1.00	lot 1 ON	WWIS
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<b>Well ID:</b> 6600613 <b>Construction Date:</b> <b>Primary Water Use:</b> Not Used <b>Sec. Water Use:</b> 0 <b>Final Well Status:</b> Test Hole <b>Water Type:</b> <b>Casing Material:</b> <b>Audit No:</b> <b>Tag:</b> <b>Construction Method:</b> <b>Elevation (m):</b> <b>Elevation Reliability:</b> <b>Depth to Bedrock:</b> <b>Well Depth:</b> <b>Overburden/Bedrock:</b> <b>Pump Rate:</b> <b>Static Water Level:</b> <b>Flowing (Y/N):</b> <b>Flow Rate:</b> <b>Clear/Cloudy:</b>	<b>Data Entry Status:</b> <b>Data Src:</b> 1 <b>Date Received:</b> 1/6/1961 <b>Selected Flag:</b> Yes <b>Abandonment Rec:</b> <b>Contractor:</b> 2801 <b>Form Version:</b> 1 <b>Owner:</b> <b>Street Name:</b> <b>County:</b> 66 <b>Municipality:</b> NIAGARA FALLS CITY (CROWLAND) <b>Site Info:</b> <b>Lot:</b> 001 <b>Concession:</b> <b>Concession Name:</b> BF <b>Easting NAD83:</b> <b>Northing NAD83:</b> <b>Zone:</b> <b>UTM Reliability:</b>
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**PDF URL (Map):** [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/660\6600613.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/660\6600613.pdf)

**Bore Hole Information**

<b>Bore Hole ID:</b> 10460347 <b>DP2BR:</b> <b>Spatial Status:</b> <b>Code OB:</b> 0	<b>Elevation:</b> 177.428237 <b>Elevrc:</b> <b>Zone:</b> 17 <b>East83:</b> 652776.9
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Code OB Desc:</b>	Overburden			<b>North83:</b>	4766405
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	5
<b>Date Completed:</b>	6/24/1960			<b>UTMRC Desc:</b>	margin of error : 100 m - 300 m
<b>Remarks:</b>				<b>Location Method:</b>	p5
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932589381  
**Layer:** 2  
**Color:** 7  
**General Color:** RED  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1  
**Formation End Depth:** 15  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932589380  
**Layer:** 1  
**Color:**  
**General Color:**  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0  
**Formation End Depth:** 1  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932589384  
**Layer:** 5  
**Color:**  
**General Color:**  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 06  
**Mat2 Desc:** SILT  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 50  
**Formation End Depth:** 55  
**Formation End Depth UOM:** ft

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589383			
<b>Layer:</b>		4			
<b>Color:</b>		3			
<b>General Color:</b>		BLUE			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>		11			
<b>Mat2 Desc:</b>		GRAVEL			
<b>Mat3:</b>		13			
<b>Mat3 Desc:</b>		BOULDERS			
<b>Formation Top Depth:</b>		39			
<b>Formation End Depth:</b>		50			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock Materials Interval</u></b>					
<b>Formation ID:</b>		932589382			
<b>Layer:</b>		3			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		15			
<b>Formation End Depth:</b>		39			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		966600613			
<b>Method Construction Code:</b>		1			
<b>Method Construction:</b>		Cable Tool			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11008917			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930747636			
<b>Layer:</b>		1			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>					
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">98</a>	1 of 1	S/265.3	175.8 / 1.00	MONTROSE RD & KYONS CREEK RD NIAGARA FALLS ON	WWIS

**Well ID:** 7200894  
**Construction Date:**  
**Primary Water Use:** Monitoring  
**Sec. Water Use:**  
**Final Well Status:** Test Hole  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z157984  
**Tag:** A143216  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 4/30/2013  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 7464  
**Form Version:** 7  
**Owner:**  
**Street Name:** MONTROSE RD & KYONS CREEK RD  
**County:** 66  
**Municipality:** NIAGARA FALLS CITY (CROWLAND)  
**Site Info:**  
**Lot:**  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**PDF URL (Map):**

**Bore Hole Information**

**Bore Hole ID:** 1004278469  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 2/26/2013  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:** 177.237548  
**Elevrc:**  
**Zone:** 17  
**East83:** 652849  
**North83:** 4766352  
**Org CS:** UTM83  
**UTMRC:** 4  
**UTMRC Desc:** margin of error : 30 m - 100 m  
**Location Method:** wwr

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 1004847195  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 06  
**Mat2 Desc:** SILT  
**Mat3:** 84  
**Mat3 Desc:** SILTY  
**Formation Top Depth:** 0  
**Formation End Depth:** 2.44  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation ID:</b>		1004847196			
<b>Layer:</b>		2			
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		05			
<b>Most Common Material:</b>		CLAY			
<b>Mat2:</b>					
<b>Mat2 Desc:</b>					
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		2.44			
<b>Formation End Depth:</b>		6.1			
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		1004847203			
<b>Layer:</b>		1			
<b>Plug From:</b>		0			
<b>Plug To:</b>		2.74			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		1004847202			
<b>Method Construction Code:</b>		9			
<b>Method Construction:</b>		Driving			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		1004847194			
<b>Casing No:</b>		0			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		1004847199			
<b>Layer:</b>		1			
<b>Material:</b>		5			
<b>Open Hole or Material:</b>		PLASTIC			
<b>Depth From:</b>		0			
<b>Depth To:</b>		3.05			
<b>Casing Diameter:</b>		5			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		1004847200			
<b>Layer:</b>		1			
<b>Slot:</b>		10			
<b>Screen Top Depth:</b>		3.05			
<b>Screen End Depth:</b>		6.1			
<b>Screen Material:</b>		5			
<b>Screen Depth UOM:</b>		m			
<b>Screen Diameter UOM:</b>		cm			
<b>Screen Diameter:</b>		6			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Water Details</u></b>					
Water ID:		1004847198			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<b><u>Hole Diameter</u></b>					
Hole ID:		1004847197			
Diameter:		12.5			
Depth From:		0			
Depth To:		6.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<a href="#">99</a>	1 of 31	N/275.6	179.8 / 5.00	K MART CANADA LIMITED #5495 7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

<a href="#">99</a>	2 of 31	N/275.6	179.8 / 5.00	MR. GROCER/597060 ONTARIO INC. 7555 MONTROSE ROAD NIAGARA FALLS ON L2H 2E9	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Trade Name:</b>					
<b>PDF Link:</b>					
<a href="#">99</a>	3 of 31	N/275.6	179.8 / 5.00	<b>BLACK PHOTO CORPORATION 7555 MONTROSE ROAD NIAGARA SQUARE NIAGARA FALLS ON L2H 2E9</b>	<b>GEN</b>
<b>Generator No:</b>	ON1338154			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	97,98,99,00,01			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	6571				
<b>SIC Description:</b>	CAMERA/PHOTO. SUPPLY				
<b>Detail(s)</b>					
<b>Waste Class:</b>	264				
<b>Waste Class Desc:</b>	PHOTOPROCESSING WASTES				
<a href="#">99</a>	4 of 31	N/275.6	179.8 / 5.00	<b>Ivanhoe Cambridge Inc 7555 Montrose Road Niagara Falls ON L2H 2E9</b>	<b>GEN</b>
<b>Generator No:</b>	ON3880950			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	03,04			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	531120				
<b>SIC Description:</b>	Lessors - Non-Res. Buildings (exc. Mini-Ware)				
<a href="#">99</a>	5 of 31	N/275.6	179.8 / 5.00	<b>SHOPPERS DRUG MART #0785 (NIAGARA SQUARE) 7555 MONTROSE RD NIAGARA FALLS ON L2H 2E9</b>	<b>PES</b>
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>				<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>				<b>Oper Area Code:</b>	
<b>Licence Type:</b>	Limited Vendor			<b>Oper Phone No:</b>	
<b>Licence Type Code:</b>	23			<b>Operator Ext:</b>	
<b>Licence Class:</b>				<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					
<a href="#">99</a>	6 of 31	N/275.6	179.8 / 5.00	<b>7555 Montrose Road Niagara Falls ON L2H 2E9</b>	<b>EHS</b>
<b>Order No:</b>	20080812046			<b>Nearest Intersection:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 8/18/2008 <b>Date Received:</b> 8/12/2008 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Municipality:</b> <b>Client Prov/State:</b> AB <b>Search Radius (km):</b> 0.4 <b>X:</b> -79.125859 <b>Y:</b> 43.06676					
<a href="#">99</a>	7 of 31	N/275.6	179.8 / 5.00	7555 Montrose Road Niagara Falls ON L2H 2E9	EHS
<b>Order No:</b> 20100504041 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 5/11/2010 <b>Date Received:</b> 5/4/2010 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>					
<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> 0.25 <b>X:</b> -79.125704 <b>Y:</b> 43.073831					
<a href="#">99</a>	8 of 31	N/275.6	179.8 / 5.00	THE FORZANI GROUP 7555 Montrose Road NIAGARA FALLS ON L2H 2E9	GEN
<b>Generator No:</b> ON9061595 <b>Status:</b> <b>Approval Years:</b> 2009 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					
<a href="#">99</a>	9 of 31	N/275.6	179.8 / 5.00	THE FORZANI GROUP 7555 Montrose Road NIAGARA FALLS ON L2H 2E9	GEN
<b>Generator No:</b> ON9061595 <b>Status:</b> <b>Approval Years:</b> 2010 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores					
<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>					
<b>Detail(s)</b>					
<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					
<a href="#">99</a>	10 of 31	N/275.6	179.8 / 5.00	THE FORZANI GROUP 7555 Montrose Road NIAGARA FALLS ON L2H 2E9	GEN
<b>Generator No:</b> ON9061595 <b>PO Box No:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 2011 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 451110 <b>SIC Description:</b> Sporting Goods Stores				<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS					
<a href="#">99</a>	11 of 31	N/275.6	179.8 / 5.00	<b>RIO CAN MANAGEMENT INC.</b> <b>7555 MONTROSE ROAD</b> <b>NIAGARA FALLS ON L2H 2E9</b>	GEN
<b>Generator No:</b> ON3328776 <b>Status:</b> <b>Approval Years:</b> 2011 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 531310 <b>SIC Description:</b>				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<a href="#">99</a>	12 of 31	N/275.6	179.8 / 5.00	<b>NIAGARA SQUARE RIOCAN</b> <b>7555 MONTROSE ROAD</b> <b>NIAGARA FALLS ON</b>	GEN
<b>Generator No:</b> ON6904350 <b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 561990 <b>SIC Description:</b> ALL OTHER SUPPORT SERVICES				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> 331 <b>Waste Class Desc:</b> WASTE COMPRESSED GASES					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Class:</b> 263 <b>Waste Class Desc:</b> ORGANIC LABORATORY CHEMICALS					
<b>Waste Class:</b> 148 <b>Waste Class Desc:</b> INORGANIC LABORATORY CHEMICALS					
<a href="#">99</a>	13 of 31	N/275.6	179.8 / 5.00	<b>Big Lots Canada Inc.</b> <b>7555 Montrose Road</b> <b>Niagara Falls ON</b>	GEN
<b>Generator No:</b> ON4756695 <b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 453999 <b>SIC Description:</b> ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT BEER AND WINE-MAKING SUPPLIES STORES)				<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<a href="#"><u>99</u></a>	14 of 31	N/275.6	179.8 / 5.00	THE FORZANI GROUP 7555 Montrose Road NIAGARA FALLS ON L2H 2E9	GEN
<b>Generator No:</b>	ON9061595			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	Sporting Goods Stores				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<a href="#"><u>99</u></a>	15 of 31	N/275.6	179.8 / 5.00	Big Lots Canada Inc. 7555 Montrose Road Niagara Falls ON	GEN
<b>Generator No:</b>	ON4756695			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	453999				
<b>SIC Description:</b>	All Other Miscellaneous Store Retailers (except Beer and Wine-Making Supplies Stores)				
<a href="#"><u>99</u></a>	16 of 31	N/275.6	179.8 / 5.00	THE FORZANI GROUP 7555 Montrose Road NIAGARA FALLS ON	GEN
<b>Generator No:</b>	ON9061595			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	SPORTING GOODS STORES				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>		212			
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<a href="#"><u>99</u></a>	17 of 31	N/275.6	179.8 / 5.00	Michaels Stores, Inc. 7555 Montrose Rd, Unit R4 Niagara Falls ON	GEN
<b>Generator No:</b>	ON9243296			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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SIC Code: 451130  
SIC Description: SEWING, NEEDLEWORK AND PIECE GOODS STORES

Detail(s)

Waste Class: 122  
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145  
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 263  
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 331  
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 148  
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 212  
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 146  
Waste Class Desc: OTHER SPECIFIED INORGANICS

99      18 of 31      N/275.6      179.8 / 5.00      7555 Montrose Rd  
Niagara Falls ON L2H2E9      **EHS**

Order No:	20160619004	Nearest Intersection:	
Status:	C	Municipality:	
Report Type:	Standard Report	Client Prov/State:	ON
Report Date:	24-JUN-16	Search Radius (km):	.25
Date Received:	19-JUN-16	X:	-79.125886
Previous Site Name:		Y:	43.06636
Lot/Building Size:			
Additional Info Ordered:			

99      19 of 31      N/275.6      179.8 / 5.00      Michaels Stores, Inc.  
7555 Montrose Rd, Unit R4  
Niagara Falls ON L2H 2E9      **GEN**

Generator No:	ON9243296	PO Box No:	
Status:		Country:	Canada
Approval Years:	2016	Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No	Co Admin:	James Williams
MHSW Facility:	No	Phone No Admin:	(647)288-3298 Ext.
SIC Code:	451130		
SIC Description:	SEWING, NEEDLEWORK AND PIECE GOODS STORES		

Detail(s)

Waste Class: 263  
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 122  
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 145  
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		ALIPHATIC SOLVENTS			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		262			
<b>Waste Class Desc:</b>		DETERGENTS/SOAPS			
<b>Waste Class:</b>		146			
<b>Waste Class Desc:</b>		OTHER SPECIFIED INORGANICS			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			

99      20 of 31      N/275.6      179.8 / 5.00      **Michaels Stores, Inc.**  
7555 Montrose Rd, Unit R4  
Niagara Falls ON L2H 2E9      **GEN**

<b>Generator No:</b>	ON9243296	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2015	<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	James Williams
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	(647)288-3298 Ext.
<b>SIC Code:</b>	451130		
<b>SIC Description:</b>	SEWING, NEEDLEWORK AND PIECE GOODS STORES		

**Detail(s)**

<b>Waste Class:</b>	146
<b>Waste Class Desc:</b>	OTHER SPECIFIED INORGANICS
<b>Waste Class:</b>	262
<b>Waste Class Desc:</b>	DETERGENTS/SOAPS
<b>Waste Class:</b>	331
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES
<b>Waste Class:</b>	122
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS
<b>Waste Class:</b>	145
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES
<b>Waste Class:</b>	148
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS
<b>Waste Class:</b>	212
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS
<b>Waste Class:</b>	263
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS

99      21 of 31      N/275.6      179.8 / 5.00      **FGL SPORTS LIMITED**  
7555 Montrose Road  
NIAGARA FALLS ON L2S3M1      **GEN**

<b>Generator No:</b>	ON9061595	<b>PO Box No:</b>	
<b>Status:</b>		<b>Country:</b>	Canada
<b>Approval Years:</b>	2016	<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No	<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No	<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110		
<b>SIC Description:</b>	SPORTING GOODS STORES		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Detail(s)</u></b>					
				<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS	
<a href="#"><u>99</u></a>	22 of 31	N/275.6	179.8 / 5.00	<b>THE FORZANI GROUP</b> 7555 Montrose Road NIAGARA FALLS ON L2S3M1	<b>GEN</b>
<b>Generator No:</b>	ON9061595			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b> Canada	
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b> CO_OFFICIAL	
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	SPORTING GOODS STORES				
<b><u>Detail(s)</u></b>					
				<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS	
<a href="#"><u>99</u></a>	23 of 31	N/275.6	179.8 / 5.00	<b>Michaels Stores, Inc.</b> 7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	<b>GEN</b>
<b>Generator No:</b>	ON9243296			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b> Canada	
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b> CO_OFFICIAL	
<b>Contam. Facility:</b>	No			<b>Co Admin:</b> James Williams	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b> (647)288-3298 Ext.	
<b>SIC Code:</b>	451130				
<b>SIC Description:</b>	SEWING, NEEDLEWORK AND PIECE GOODS STORES				
<b><u>Detail(s)</u></b>					
				<b>Waste Class:</b> 263 <b>Waste Class Desc:</b> ORGANIC LABORATORY CHEMICALS	
				<b>Waste Class:</b> 262 <b>Waste Class Desc:</b> DETERGENTS/SOAPS	
				<b>Waste Class:</b> 148 <b>Waste Class Desc:</b> INORGANIC LABORATORY CHEMICALS	
				<b>Waste Class:</b> 146 <b>Waste Class Desc:</b> OTHER SPECIFIED INORGANICS	
				<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES	
				<b>Waste Class:</b> 122 <b>Waste Class Desc:</b> ALKALINE WASTES - OTHER METALS	
				<b>Waste Class:</b> 331 <b>Waste Class Desc:</b> WASTE COMPRESSED GASES	
				<b>Waste Class:</b> 212 <b>Waste Class Desc:</b> ALIPHATIC SOLVENTS	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">99</a>	24 of 31	N/275.6	179.8 / 5.00	<b>THE FORZANI GROUP</b> 7555 Montrose Road NIAGARA FALLS ON L2S3M1	GEN
<b>Generator No:</b>	ON9061595			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2014			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	
<b>SIC Code:</b>	451110				
<b>SIC Description:</b>	SPORTING GOODS STORES				
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212				
<b>Waste Class Desc:</b>	ALIPHATIC SOLVENTS				
<a href="#">99</a>	25 of 31	N/275.6	179.8 / 5.00	<b>FGL SPORTS LIMITED</b> 7555 Montrose Road NIAGARA FALLS ON L2S3M1	GEN
<b>Generator No:</b>	ON9061595			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jun 2017			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	212 L				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<a href="#">99</a>	26 of 31	N/275.6	179.8 / 5.00	<b>Michaels Stores, Inc.</b> 7555 Montrose Rd, Unit R4 Niagara Falls ON L2H 2E9	GEN
<b>Generator No:</b>	ON9243296			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	122 C				
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Class:</b>	145 I				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	146 T				
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Class:</b>	148 A				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		148 L			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			

<a href="#">99</a>	27 of 31	N/275.6	179.8 / 5.00	<b>SHOPPERS DRUG MART #0785 (NIAGARA SQUARE) 7555 MONTROSE RD NIAGARA FALLS ON L2H2E9</b>	<b>PES</b>
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	12677			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	905
<b>Licence Type:</b>	Limited Vendor			<b>Oper Phone No:</b>	3571100
<b>Licence Type Code:</b>	23			<b>Operator Ext:</b>	
<b>Licence Class:</b>	01			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					

<a href="#">99</a>	28 of 31	N/275.6	179.8 / 5.00	<b>K MART CANADA LIMITED #5495 7555 MONTROSE ROAD NIAGARA FALLS ON L2H2E9</b>	<b>PES</b>
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	08525			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	416
<b>Licence Type:</b>	Retail Vendor Class 03			<b>Oper Phone No:</b>	3571410
<b>Licence Type Code:</b>	21			<b>Operator Ext:</b>	
<b>Licence Class:</b>	03			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Region:</b> <b>District:</b> <b>County:</b> <b>Trade Name:</b> <b>PDF Link:</b>				<b>Post Office Box:</b> <b>MOE District:</b> <b>SWP Area Name:</b>	

<a href="#">99</a>	29 of 31	N/275.6	179.8 / 5.00	<b>MR. GROCER/597060 ONTARIO INC.</b> <b>7555 MONTROSE ROAD</b> <b>NIAGARA FALLS ON L2H2E9</b>	<b>PES</b>
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<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	09760			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	416
<b>Licence Type:</b>	Retail Vendor Class 03			<b>Oper Phone No:</b>	3560571
<b>Licence Type Code:</b>	21			<b>Operator Ext:</b>	
<b>Licence Class:</b>	03			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					

<a href="#">99</a>	30 of 31	N/275.6	179.8 / 5.00	<b>Michaels Stores, Inc.</b> <b>7555 Montrose Rd, Unit R4</b> <b>Niagara Falls ON L2H 2E9</b>	<b>GEN</b>
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<b>Generator No:</b>	ON9243296			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

<b>Waste Class:</b>	148 A				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	145 L				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	263 L				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	212 I				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	122 C				
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Class:</b>	331 I				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 L			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			

<a href="#">99</a>	31 of 31	N/275.6	179.8 / 5.00	Costco Wholesale Canada Ltd. 7555 Montrose Rd Niagara Falls ON 20166	ECA
<b>Approval No:</b>	8556-BJQHNW			<b>MOE District:</b>	
<b>Approval Date:</b>	2019-12-20			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	-8808253.7834
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	5322079.804700002
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS				
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS				
<b>Address:</b>	7555 Montrose Rd				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5920-BE6LVS-13.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5920-BE6LVS-13.pdf</a>				

<a href="#">100</a>	1 of 1	S/280.7	175.8 / 1.00	ON	WWIS
<b>Well ID:</b>	7265625			<b>Data Entry Status:</b>	Yes
<b>Construction Date:</b>				<b>Data Src:</b>	
<b>Primary Water Use:</b>				<b>Date Received:</b>	6/24/2016
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>				<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	7464
<b>Casing Material:</b>				<b>Form Version:</b>	8
<b>Audit No:</b>	C31786			<b>Owner:</b>	
<b>Tag:</b>	A192016			<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	66
<b>Elevation (m):</b>				<b>Municipality:</b>	NIAGARA FALLS CITY (CROWLAND)
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	
<b>Well Depth:</b>				<b>Concession:</b>	
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>					

**Bore Hole Information**



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><b>Bore Hole ID:</b> 1006078360</p> <p><b>DP2BR:</b></p> <p><b>Spatial Status:</b></p> <p><b>Code OB:</b></p> <p><b>Code OB Desc:</b></p> <p><b>Open Hole:</b></p> <p><b>Cluster Kind:</b></p> <p><b>Date Completed:</b> 3/2/2016</p> <p><b>Remarks:</b></p> <p><b>Elevrc Desc:</b></p> <p><b>Location Source Date:</b></p> <p><b>Improvement Location Source:</b></p> <p><b>Improvement Location Method:</b></p> <p><b>Source Revision Comment:</b></p> <p><b>Supplier Comment:</b></p>					
<a href="#">101</a>	1 of 21	N/288.9	176.2 / 1.39	<b>WAL-MART CANADA CORP #3160</b> <b>7481 OAKWOOD DRIVE</b> <b>NIAGARA FALLS ON L2E 6S5</b>	PES
<p><b>Detail Licence No:</b></p> <p><b>Licence No:</b></p> <p><b>Status:</b></p> <p><b>Approval Date:</b></p> <p><b>Report Source:</b></p> <p><b>Licence Type:</b> Vendor</p> <p><b>Licence Type Code:</b></p> <p><b>Licence Class:</b></p> <p><b>Licence Control:</b></p> <p><b>Latitude:</b></p> <p><b>Longitude:</b></p> <p><b>Lot:</b></p> <p><b>Concession:</b></p> <p><b>Region:</b></p> <p><b>District:</b></p> <p><b>County:</b></p> <p><b>Trade Name:</b></p> <p><b>PDF Link:</b></p>					
<p><b>Operator Box:</b></p> <p><b>Operator Class:</b></p> <p><b>Operator No:</b></p> <p><b>Operator Type:</b></p> <p><b>Oper Area Code:</b></p> <p><b>Oper Phone No:</b></p> <p><b>Operator Ext:</b></p> <p><b>Operator Lot:</b></p> <p><b>Oper Concession:</b></p> <p><b>Operator Region:</b></p> <p><b>Operator District:</b></p> <p><b>Operator County:</b></p> <p><b>Op Municipality:</b></p> <p><b>Post Office Box:</b></p> <p><b>MOE District:</b></p> <p><b>SWP Area Name:</b></p>					
<a href="#">101</a>	2 of 21	N/288.9	176.2 / 1.39	<b>Walmart Canada Corp.</b> <b>7481 OAKWOOD DRIVE</b> <b>Niagara Falls ON L2E 6S5</b>	GEN
<p><b>Generator No:</b> ON8717062</p> <p><b>Status:</b></p> <p><b>Approval Years:</b> 2011</p> <p><b>Contam. Facility:</b></p> <p><b>MHSW Facility:</b></p> <p><b>SIC Code:</b> 452110</p> <p><b>SIC Description:</b></p>					
<p><b>PO Box No:</b></p> <p><b>Country:</b></p> <p><b>Choice of Contact:</b></p> <p><b>Co Admin:</b></p> <p><b>Phone No Admin:</b></p>					
<a href="#">101</a>	3 of 21	N/288.9	176.2 / 1.39	<b>Walmart Canada Corp.</b> <b>7481 OAKWOOD DRIVE</b> <b>Niagara Falls ON L2E 6S5</b>	GEN
<p><b>Generator No:</b> ON8717062</p> <p><b>Status:</b></p> <p><b>Approval Years:</b> 2012</p> <p><b>Contam. Facility:</b></p> <p><b>MHSW Facility:</b></p> <p><b>SIC Code:</b> 452110</p> <p><b>SIC Description:</b> Department Stores</p>					
<p><b>PO Box No:</b></p> <p><b>Country:</b></p> <p><b>Choice of Contact:</b></p> <p><b>Co Admin:</b></p> <p><b>Phone No Admin:</b></p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">101</a>	4 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2012			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	621499				
<b>SIC Description:</b>	All Other Out-Patient Care Centres				
<a href="#">101</a>	5 of 21	N/288.9	176.2 / 1.39	7481 Oakwood Drive Niagara Falls ON	EHS
<b>Order No:</b>	20130705007			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Custom Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	11-JUL-13			<b>Search Radius (km):</b>	.25
<b>Date Received:</b>	05-JUL-13			<b>X:</b>	-79.119711
<b>Previous Site Name:</b>				<b>Y:</b>	43.066113
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">101</a>	6 of 21	N/288.9	176.2 / 1.39	Walmart Canada Corp. 7481 OAKWOOD DRIVE Niagara Falls ON	GEN
<b>Generator No:</b>	ON8717062			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	2013			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	452110				
<b>SIC Description:</b>	DEPARTMENT STORES				
<b>Detail(s)</b>					
<b>Waste Class:</b>	148				
<b>Waste Class Desc:</b>	INORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	145				
<b>Waste Class Desc:</b>	PAINT/PIGMENT/COATING RESIDUES				
<b>Waste Class:</b>	331				
<b>Waste Class Desc:</b>	WASTE COMPRESSED GASES				
<b>Waste Class:</b>	263				
<b>Waste Class Desc:</b>	ORGANIC LABORATORY CHEMICALS				
<b>Waste Class:</b>	122				
<b>Waste Class Desc:</b>	ALKALINE WASTES - OTHER METALS				
<b>Waste Class:</b>	242				
<b>Waste Class Desc:</b>	HALOGENATED PESTICIDES				
<a href="#">101</a>	7 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> <b>Approval Years:</b> 2013 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> 621499 <b>SIC Description:</b> ALL OTHER OUT-PATIENT CARE CENTRES				<b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
<b>Detail(s)</b>					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<a href="#">101</a>	8 of 21	N/288.9	176.2 / 1.39	<b>WAL-MART CANADA CORP/LA COMPAGNIE            WAL-MART DU CANADA            7481 OAKWOOD DR            NIAGARA FALLS ON L2E 6S5</b>	<b>EASR</b>
<b>Approval No:</b> R-003-2553621994 <b>Status:</b> REGISTERED <b>Date:</b> 2015-12-08 <b>Record Type:</b> EASR <b>Link Source:</b> MOFA <b>Project Type:</b> Heating System <b>Full Address:</b> <b>Approval Type:</b> EASR-Heating System <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2018594">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2018594</a>				<b>SWP Area Name:</b> Niagara Peninsula <b>MOE District:</b> Niagara <b>Municipality:</b> NIAGARA FALLS <b>Latitude:</b> 43.0675 <b>Longitude:</b> -79.1175 <b>Geometry X:</b> <b>Geometry Y:</b>	
<a href="#">101</a>	9 of 21	N/288.9	176.2 / 1.39	<b>Walmart Canada Corp.            7481 OAKWOOD DRIVE            Niagara Falls ON L2E 6S5</b>	<b>GEN</b>
<b>Generator No:</b> ON8717062 <b>Status:</b> <b>Approval Years:</b> 2016 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 453999, 452999 <b>SIC Description:</b> ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT BEER AND WINE-MAKING SUPPLIES STORES), ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> Jason Fries <b>Phone No Admin:</b> 905821-2111 Ext.75127	
<b>Detail(s)</b>					
<b>Waste Class:</b> 148 <b>Waste Class Desc:</b> INORGANIC LABORATORY CHEMICALS					
<b>Waste Class:</b> 242 <b>Waste Class Desc:</b> HALOGENATED PESTICIDES					
<b>Waste Class:</b> 112 <b>Waste Class Desc:</b> ACID WASTE - HEAVY METALS					
<b>Waste Class:</b> 122 <b>Waste Class Desc:</b> ALKALINE WASTES - OTHER METALS					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<b>Waste Class:</b> 263 <b>Waste Class Desc:</b> ORGANIC LABORATORY CHEMICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<a href="#">101</a>	10 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2016			<b>Choice of Contact:</b>	CO_ADMIN
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Sam Gray
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	705 725 0940 Ext.
<b>SIC Code:</b>	621499				
<b>SIC Description:</b>	ALL OTHER OUT-PATIENT CARE CENTRES				
<b>Detail(s)</b>					
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<a href="#">101</a>	11 of 21	N/288.9	176.2 / 1.39	Walmart Canada Corp. 7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON8717062			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada
<b>Approval Years:</b>	2015			<b>Choice of Contact:</b>	CO_OFFICIAL
<b>Contam. Facility:</b>	No			<b>Co Admin:</b>	Vincent Feng
<b>MHSW Facility:</b>	No			<b>Phone No Admin:</b>	905821-2111 Ext.75212
<b>SIC Code:</b>	452110				
<b>SIC Description:</b>	DEPARTMENT STORES				
<b>Detail(s)</b>					
<b>Waste Class:</b>		242			
<b>Waste Class Desc:</b>		HALOGENATED PESTICIDES			
<b>Waste Class:</b>		312			
<b>Waste Class Desc:</b>		PATHOLOGICAL WASTES			
<b>Waste Class:</b>		331			
<b>Waste Class Desc:</b>		WASTE COMPRESSED GASES			
<b>Waste Class:</b>		148			
<b>Waste Class Desc:</b>		INORGANIC LABORATORY CHEMICALS			
<b>Waste Class:</b>		122			
<b>Waste Class Desc:</b>		ALKALINE WASTES - OTHER METALS			
<b>Waste Class:</b>		145			
<b>Waste Class Desc:</b>		PAINT/PIGMENT/COATING RESIDUES			
<b>Waste Class:</b>		263			
<b>Waste Class Desc:</b>		ORGANIC LABORATORY CHEMICALS			
<a href="#">101</a>	12 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	Canada

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Years:</b> 2015 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 621499 <b>SIC Description:</b> ALL OTHER OUT-PATIENT CARE CENTRES				<b>Choice of Contact:</b> CO_ADMIN <b>Co Admin:</b> Sam Gray <b>Phone No Admin:</b> 705 725 0940 Ext.	
<b>Detail(s)</b>					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<a href="#">101</a>	13 of 21	N/288.9	176.2 / 1.39	<b>The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON L2E 6S5</b>	GEN
<b>Generator No:</b> ON3421962 <b>Status:</b> <b>Approval Years:</b> 2014 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 621499 <b>SIC Description:</b> ALL OTHER OUT-PATIENT CARE CENTRES				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_OFFICIAL <b>Co Admin:</b> ECS Reg <b>Phone No Admin:</b> 705 725 0940 Ext.	
<b>Detail(s)</b>					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<a href="#">101</a>	14 of 21	N/288.9	176.2 / 1.39	<b>Walmart Canada Corp. 7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5</b>	GEN
<b>Generator No:</b> ON8717062 <b>Status:</b> <b>Approval Years:</b> 2014 <b>Contam. Facility:</b> No <b>MHSW Facility:</b> No <b>SIC Code:</b> 452110 <b>SIC Description:</b> DEPARTMENT STORES				<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> CO_ADMIN <b>Co Admin:</b> Vincent Feng <b>Phone No Admin:</b> 905821-2111 Ext.75212	
<b>Detail(s)</b>					
<b>Waste Class:</b> 263 <b>Waste Class Desc:</b> ORGANIC LABORATORY CHEMICALS					
<b>Waste Class:</b> 145 <b>Waste Class Desc:</b> PAINT/PIGMENT/COATING RESIDUES					
<b>Waste Class:</b> 331 <b>Waste Class Desc:</b> WASTE COMPRESSED GASES					
<b>Waste Class:</b> 122 <b>Waste Class Desc:</b> ALKALINE WASTES - OTHER METALS					
<b>Waste Class:</b> 312 <b>Waste Class Desc:</b> PATHOLOGICAL WASTES					
<b>Waste Class:</b> 242 <b>Waste Class Desc:</b> HALOGENATED PESTICIDES					
<b>Waste Class:</b> 148 <b>Waste Class Desc:</b> INORGANIC LABORATORY CHEMICALS					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">101</a>	15 of 21	N/288.9	176.2 / 1.39	Walmart Canada Corp. 7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON8717062			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	112 C				
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals				
<b>Waste Class:</b>	122 C				
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Class:</b>	145 I				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	148 C				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	148 I				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	148 T				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	242 A				
<b>Waste Class Desc:</b>	Halogenated pesticides and herbicides				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	263 I				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	312 P				
<b>Waste Class Desc:</b>	Pathological wastes				
<b>Waste Class:</b>	331 I				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				

<a href="#">101</a>	16 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

**Waste Class:** 312 P

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		Pathological wastes			
<a href="#">101</a>	17 of 21	N/288.9	176.2 / 1.39	WAL-MART CANADA CORP #3160 7481 OAKWOOD DRIVE NIAGARA FALLS ON L2E6S5	PES
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	12410			<b>Operator Class:</b>	
<b>Status:</b>				<b>Operator No:</b>	
<b>Approval Date:</b>				<b>Operator Type:</b>	
<b>Report Source:</b>	Legacy Licenses (Excluding TS)			<b>Oper Area Code:</b>	905
<b>Licence Type:</b>	Limited Vendor			<b>Oper Phone No:</b>	8212111
<b>Licence Type Code:</b>	23			<b>Operator Ext:</b>	
<b>Licence Class:</b>	01			<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>				<b>Operator Region:</b>	
<b>Longitude:</b>				<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b>	
<b>County:</b>				<b>SWP Area Name:</b>	
<b>Trade Name:</b>					
<b>PDF Link:</b>					
<a href="#">101</a>	18 of 21	N/288.9	176.2 / 1.39	Walmart Canada Corp. 7481 OAKWOOD DRIVE Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON8717062			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	112 C				
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals				
<b>Waste Class:</b>	312 P				
<b>Waste Class Desc:</b>	Pathological wastes				
<b>Waste Class:</b>	331 I				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				
<b>Waste Class:</b>	145 I				
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints				
<b>Waste Class:</b>	122 C				
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)				
<b>Waste Class:</b>	242 A				
<b>Waste Class Desc:</b>	Halogenated pesticides and herbicides				
<b>Waste Class:</b>	148 I				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 T			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		261 L			
<b>Waste Class Desc:</b>		Pharmaceuticals			

<a href="#"><u>101</u></a>	19 of 21	N/288.9	176.2 / 1.39	The Clinic At Walmart 7481 Oakwood Dr Niagara Falls ON L2E 6S5	GEN
<b>Generator No:</b>	ON3421962			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

Detail(s)

<b>Waste Class:</b>	312 P				
<b>Waste Class Desc:</b>	Pathological wastes				

<a href="#"><u>101</u></a>	20 of 21	N/288.9	176.2 / 1.39	PETM Canada Corporation 7481 Oakwood Dr Niagara Falls ON L2E6S5	GEN
<b>Generator No:</b>	ON7384162			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

Detail(s)

<b>Waste Class:</b>	263 A				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	331 I				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				
<b>Waste Class:</b>	263 L				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	148 A				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	331 L				



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			

<a href="#">101</a>	21 of 21	N/288.9	176.2 / 1.39	Walmart<UNOFFICIAL> 7481 Oakwood Drive Niagara Falls ON	SPL
<b>Ref No:</b>	6078-BFVJ2T			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	9/6/2019			<b>Health/Env Conseq:</b>	0 - No Impact
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	Miscellaneous Industrial
<b>Incident Event:</b>	Overflow/Surcharge			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	41			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	PAINT AND PIGMENT WASTES			<b>Site Address:</b>	7481 Oakwood Drive
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Niagara
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>	n/a			<b>Site Region:</b>	West Central
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b>	
<b>MOE Response:</b>	No			<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	9/10/2019			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>	10/22/2019			<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Equipment Failure			<b>Source Type:</b>	Container/Drum/Tote
<b>Site Name:</b>	Walmart<UNOFFICIAL>				
<b>Site County/District:</b>	Regional Municipality of Niagara				
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Walmart: Paint to ground and drain from sink overflow.				
<b>Contaminant Qty:</b>	60 mL				

# Unplottable Summary

Total: 75 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con BF	Niagara Falls - Willoughby ON	
CA	The Regional Municipality of Niagara	Oakwood Dr	Niagara Falls ON	
CA	NIAGARA FALLS CITY	OAKWOOD DR. P.S. & FORCEMAIN	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD	NIAGARA FALLS CITY ON	
CA		Oakwood Drive	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	LOT 1, BROKEN FRONTAGE	NIAGARA FALLS ON	
CA	ONTARIO HYDRO, SIR ADAM BECK II GS	GORE LOT 1, BF., STAMFORD TWP.	NIAGARA FALLS ON	
CA	NIAGARA FALLS CITY	OAKWOOD DR., TWP. LOT 211	NIAGARA FALLS CITY ON	
CA	The Corporation of the City of Niagara Falls	Beechwood Road, Garner Road, Kalar Road, Brown Road	Niagara Falls ON	
CA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
CA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Beechwood Road, Garner Road, Kalar Road, Brown Road	Niagara Falls ON	
CA	Lundy's Regency Arms Corp.	Oakwood Drive	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	
CA	The Corporation of the City of Niagara Falls	Lots 209, 210 Stamford	Niagara Falls ON	

CA	The Corporation of the City of Niagara Falls	Montrose Road	Niagara Falls ON	
CA	Petro-Canada Inc.	Oakwood Dr	Niagara Falls ON	
CA		Montrose Road	Niagara Falls ON	
CA		Kalar Road	Niagara Falls ON	
CA	4-Lot Development on Kalar Road	Kalar Road	Niagara Falls ON	
CA		Oakwood Drive	Niagara Falls ON	
CA	R.M. OF NIAGARA	KALAR RD. ODOUR CONTROL FAC.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	KALAR RD., SHRINER'S CREEK	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY-PT. LOTS 209 & 210	KALAR RD./BROWN RD./CHIPPAWA	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	ONTARIO HYDRO (SIR ADAM BECK G.S.)	LOT #1, BROKEN FRONTAGE	NIAGARA FALLS CITY ON	
CA	THEO MORIN	LOT 211	NIAGARA FALLS CITY ON	
CA	NIAGARA FALLS CITY	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	R.M. OF NIAGARA	MONTROSE RD.	NIAGARA FALLS CITY ON	
CA	The Corporation of the City of Niagara Falls	Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkwa	Niagara Falls ON	
CONV	IAN HERD	Reixinger Road	Niagara Falls ON	
CONV	Modern Mosaic Limited		Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Beechwood Road, Garner Road, Kalar Road, Brown Road	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	1340258 Ontario Inc.		Niagara Falls ON	L2E 6S5

ECA	1340258 Ontario Inc.	Part of Township Lot 185, 186 & 198	Niagara Falls ON	L2E 6S5
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Kalar Road	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	from Montrose Road to 100 metres west	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Lots 209, 210 Stamford	Niagara Falls ON	L2E 6X5
ECA	Lundy's Regency Arms Corp.	Oakwood Dr	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road	Niagara Falls ON	L2E 6X5
ECA	Lundy's Regency Arms Corp.	Oakwood Dr	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Montrose Rd	Niagara Falls ON	
ECA	800460 Ontario Limited	Kalar Rd	Niagara Falls ON	L2E 6S5
ECA	1340258 Ontario Inc.		Niagara Falls ON	L2E 6S5
ECA	1340258 Ontario Inc.		Niagara Falls ON	L2E 6S5
ECA	1340258 Ontario Inc.	Part of Township Lots 185, 186 & 198	Niagara Falls ON	L2E 6S5
ECA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	
ECA	The Corporation of the City of Niagara Falls	Blackburn Parkway	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Blackburn Pky	Niagara Falls ON	L2E 6X5
ECA	1340258 Ontario Inc.	Part of Township Lot 185, 186, 198, 199	Niagara Falls ON	L2E 6S5
ECA	1340258 Ontario Inc.	Part of Township Lot 185, 186, 198, 199	Niagara Falls ON	L2E 6S5
ECA	The Corporation of the City of Niagara Falls	Beechwood Road, Garner Road, Kalar Road, Brown Road	Niagara Falls ON	L2E 6X5
ECA	The Corporation of the City of Niagara Falls	Lots 209, 210 Stamford	Niagara Falls ON	L2E 6X5
ECA	The Regional Municipality of Niagara	Montrose Rd	Niagara Falls ON	

ECA	The Corporation of the City of Niagara Falls	Kalar Rd	Niagara Falls ON	L2E 6X5
ECA	Petro-Canada Inc.	Oakwood Dr	Niagara Falls ON	L6L 6N5
ECA	The Regional Municipality of Niagara	Kalar Rd	Niagara Falls ON	
EHS		Montrose Road	Niagara Falls ON	
NCPL	Ford Motor Company of Canada		Niagara Falls (Welland) ON	
NPCB	FORD MOTOR COMPANY OF CANADA	NIAGARA GLASS PLANT	NIAGARA FALLS ON	
PTTW	Grand Niagara Resort Corporation	Part Lots 1 through 6 Broken Front of Welland River City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
PTTW	Grand Niagara Golf Corporation	Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
PTTW	Grand Niagara Golf Corporation	Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS	ON	
SCT	MORNINGSTAR LUMBER LIMITED	MONTROSE RD	NIAGARA FALLS ON	L2H
SPL	UNKNOWN	ON KALAR RD. BETWEEN BROWN ST. & CHIPPEWA CREEK	NIAGARA FALLS CITY ON	
SPL	NIAGARA, REGIONAL MUNICIPALITY	CHIPPAWA HYDRO CANAL, FROM KALAR RD. FORCEMAIN NEAR KENT ST. SANITARY SEWER SYSTEM/PUMPING STATION	NIAGARA FALLS CITY ON	
SPL	TRANSPORT TRUCK	ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID)	NIAGARA FALLS CITY ON	
SPL	UNKNOWN	SOUTH BOUND QEW AT SANDHILL PLANT	NIAGARA FALLS CITY ON	
SPL	Terratec Environmental Ltd.	Browns Road b/w Montrose Rd. and Garner Rd.	Niagara Falls ON	
SRDS	FORD MOTOR COMPANY		NIAGARA FALLS ON	

# Unplottable Report

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**Site:** Lot 1 Con BF Niagara Falls - Willoughby ON

**Database:**  
AAGR

**Type:** Pit  
**Region/County:** Niagara  
**Township:** Niagara Falls - Willoughby  
**Concession:** BF  
**Lot:** 1  
**Size (ha):** 3  
**Landuse:**  
**Comments:** pond

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**Site:** The Regional Municipality of Niagara  
Oakwood Dr Niagara Falls ON

**Database:**  
CA

**Certificate #:** 0397-7NNHUF  
**Application Year:** 2009  
**Issue Date:** 2/5/2009  
**Approval Type:** Air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
OAKWOOD DR. P.S. & FORCEMAIN NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1217-93-  
**Application Year:** 93  
**Issue Date:** 10/25/1993  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1394-86-  
**Application Year:** 86  
**Issue Date:** 9/11/1986  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**

**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Oakwood Drive Niagara Falls ON

**Database:**  
CA

**Certificate #:** 0254-4H2TFV  
**Application Year:** 00  
**Issue Date:** 3/16/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Watermains to be constructed in the City of Niagara Falls.  
**Contaminants:**  
**Emission Control:**

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**Site:** Montrose Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 3874-4KUSJZ  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private water  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Niagara Falls  
**Client Address:** 4310 Queen Street  
**Client City:** Niagara Falls  
**Client Postal Code:**  
**Project Description:** Installation of 610m of 300m diameter PVC watermain to replace 150mm and 200mm D watermain (including appurtenances). Installation of the watermain along Montrose Road (from Industrial Street to Chorozy Street).  
**Contaminants:**  
**Emission Control:**

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**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
LOT 1, BROKEN FRONTAGE NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2006-98-  
**Application Year:** 98  
**Issue Date:** 2/27/1998  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** STANDBY BLACK START DIESEL GENERATOR  
**Contaminants:** Nitrogen Oxides  
**Emission Control:** No Controls

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**Site:** ONTARIO HYDRO, SIR ADAM BECK II GS  
GORE LOT 1, BF., STAMFORD TWP. NIAGARA FALLS ON

**Database:**  
CA

**Certificate #:** 8-2307-95-  
**Application Year:** 95  
**Issue Date:** //  
**Approval Type:** Industrial air  
**Status:** RE1  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** OVEN FOR MACHINE SHOP, AMEND C OF A  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
OAKWOOD DR., TWP. LOT 211 NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 8-2239-93-  
**Application Year:** 93  
**Issue Date:** 10/28/1993  
**Approval Type:** Industrial air  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** DIESEL GENERATOR FOR SAN. SEW. P.S.  
**Contaminants:** Nitrogen Oxides  
**Emission Control:**

---

**Site:** The Corporation of the City of Niagara Falls  
Beechwood Road, Garner Road, Kalar Road, Brown Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 7243-73XTC7  
**Application Year:** 2007  
**Issue Date:** 6/10/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Revoked and/or Replaced  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON

**Database:**  
CA

**Certificate #:** 6146-7RLK55  
**Application Year:** 2009  
**Issue Date:** 5/1/2009  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**



**Emission Control:**

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**Site:** 800460 Ontario Limited  
Kalar Rd Niagara Falls ON

**Database:**  
CA

**Certificate #:** 5894-77KSJS  
**Application Year:** 2007  
**Issue Date:** 10/17/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** The Corporation of the City of Niagara Falls  
Beechwood Road, Garner Road, Kalar Road, Brown Road Niagara Falls ON

**Database:**  
CA

**Certificate #:** 5231-7BQLAS  
**Application Year:** 2008  
**Issue Date:** 2/12/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** Lundy's Regency Arms Corp.  
Oakwood Drive Niagara Falls ON

**Database:**  
CA

**Certificate #:** 4696-5MAPUE  
**Application Year:** 2003  
**Issue Date:** 5/9/2003  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

---

**Site:** The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON

**Database:**  
CA

**Certificate #:** 4591-78XQFD  
**Application Year:** 2007  
**Issue Date:** 12/5/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**

**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls*  
*Lots 209, 210 Stamford Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 4199-7GSPGC  
**Application Year:** 2008  
**Issue Date:** 7/31/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *The Corporation of the City of Niagara Falls*  
*Montrose Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 3382-6V5RB3  
**Application Year:** 2006  
**Issue Date:** 11/9/2006  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Petro-Canada Inc.*  
*Oakwood Dr Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 1646-7LTMLY  
**Application Year:** 2008  
**Issue Date:** 12/2/2008  
**Approval Type:** Industrial Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *Montrose Road Niagara Falls ON*

**Database:**  
*CA*

**Certificate #:** 7074-4KPQZX  
**Application Year:** 00  
**Issue Date:** 6/5/00  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, PO Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** Storm Sewers  
**Contaminants:**  
**Emission Control:**

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**Site:** **Kalar Road Niagara Falls ON**

**Database:**  
**CA**

**Certificate #:** 8184-4ZSQKR  
**Application Year:** 01  
**Issue Date:** 8/24/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the Regional Municipality of Niagara  
**Client Address:** 2201 St. David's Road, P.O. Box 1042  
**Client City:** Thorold  
**Client Postal Code:** L2V 4T7  
**Project Description:** This application is for the construction of a sanitary sewer extension on Kalar Road from the existing sanitary line on Westwood Street to serve the Long Term Care Facility.  
**Contaminants:**  
**Emission Control:**

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**Site:** **4-Lot Development on Kalar Road  
Kalar Road Niagara Falls ON**

**Database:**  
**CA**

**Certificate #:** 0172-5B8RQ2  
**Application Year:** 02  
**Issue Date:** 6/19/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Andrew M. Fortuna  
**Client Address:** 3736 Kalar Road  
**Client City:** Niagara Falls  
**Client Postal Code:** L2E 6S4  
**Project Description:** This application is for the construction of sanitary sewer on Kalar Road.  
**Contaminants:**  
**Emission Control:**

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**Site:** **Oakwood Drive Niagara Falls ON**

**Database:**  
**CA**

**Certificate #:** 2952-57YR3F  
**Application Year:** 02  
**Issue Date:** 4/12/02  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** Consulate Ventures Inc.  
**Client Address:** 377 Burnhamthorpe Road East  
**Client City:** Mississauga  
**Client Postal Code:**  
**Project Description:** Storm and sanitary sewer construction  
**Contaminants:**

**Emission Control:**

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**Site:** R.M. OF NIAGARA  
KALAR RD. ODOUR CONTROL FAC. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-1007-96-  
**Application Year:** 96  
**Issue Date:** 9/13/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
KALAR RD., SHRINER'S CREEK NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 3-0096-96-  
**Application Year:** 96  
**Issue Date:** 4/1/1996  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY-PT. LOTS 209 & 210  
KALAR RD./BROWN RD./CHIPPAWA NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1082-91-  
**Application Year:** 91  
**Issue Date:** 9/5/1991  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0950-88-  
**Application Year:** 88  
**Issue Date:** 7/7/1988  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**

**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-1388-86-  
**Application Year:** 86  
**Issue Date:** 11/24/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0809-86-  
**Application Year:** 86  
**Issue Date:** 7/22/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** ONTARIO HYDRO (SIR ADAM BECK G.S.)  
LOT #1, BROKEN FRONTAGE NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 4-0078-94-  
**Application Year:** 94  
**Issue Date:** 9/27/1994  
**Approval Type:** Industrial wastewater  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** SPILL CONT.SYS. FOR OIL-FILLED TRANS.  
**Contaminants:**  
**Emission Control:**

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**Site:** THEO MORIN  
LOT 211 NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 4-0107-87-  
**Application Year:** 87  
**Issue Date:** 2/19/1990  
**Approval Type:** Industrial wastewater  
**Status:** Cancelled  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:** FILTRATION & ALUM DOSING FOR P REMOVAL  
**Contaminants:**  
**Emission Control:**

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**Site:** NIAGARA FALLS CITY  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0691-86-  
**Application Year:** 86  
**Issue Date:** 7/4/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** R.M. OF NIAGARA  
MONTROSE RD. NIAGARA FALLS CITY ON

**Database:**  
CA

**Certificate #:** 7-0664-86-  
**Application Year:** 86  
**Issue Date:** 6/27/1986  
**Approval Type:** Municipal water  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** The Corporation of the City of Niagara Falls  
Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkwa Niagara Falls ON

**Database:**  
CA

**Certificate #:** 9097-7HNNG6  
**Application Year:** 2008  
**Issue Date:** 9/24/2008  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** IAN HERD  
Reixinger Road Niagara Falls ON

**Database:**  
CONV

**File No:** 050104

**Location:**

**Crown Brief No:**

**Region:**

**Court Location:**

**Ministry District:**

**Publication City:**

**Publication Title:**

**Act:**

**Act(s):**

**First Matter:**

**Second Matter:**

**Investigation 1:**

**Investigation 2:**

**Penalty Imposed:**

**Description:**

On March 20, 2009, ian M. Herd was sentenced ex parte, to six months in jail after being convicted on August 15, 2008 for failing to have oil-contaminated soil transported to an approved waste management facility by an approved waste hauler and failing to submit copies of all manifests and receipts to the ministry. An order was also issued to Mr. Herd and 1499974 Ontario Inc. to clean up the site in St. Catharines. Since Mr. Herd was not in attendance at the time of sentencing, a committal warrant was issued for his arrest. The Court heard that Mr. Herd is the sole director of 1499974 Ontario Inc. In April of 2006, the company purchased a property on Reixinger Road in Niagara Falls that contained an abundance of scrap metal, tires and liquid automobile wastes in barrels. In August of 2006, ministry staff issued an order to the company and Mr. Herd, requiring the removal of the oil-contaminated soil at the property and submission of all receipts related to the clean-up. Mr. Herd failed to comply with the order. Mr. Herd and the company were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch. Mr. Herd had previously been convicted of two other offences under the Environmental Protection Act. In 2004, he was convicted of operating a waste disposal site for tires in Belleville without a Certificate of Approval. A fine of \$13,000 was imposed, as well as a court order to clean up the site. He was then charged with failing to comply with the court order and pleaded guilty to the charge in June 2008. In September 2008, he was sentenced to sixty days in jail to be served intermittently, and two years of probation. His fine was suspended and a second court order was issued.

**Background:**

**URL:**

**Additional Details**

**Publication Date:**

**Count:** 1

**Act:**

**Regulation:**

**Section:**

**Act/Regulation/Section:**

**Date of Offence:**

**Date of Conviction:**

**Date Charged:** March 20, 2009

**Charge Disposition:** jail

**Fine:** 6 months

**Synopsis:**

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**Site:** Modern Mosaic Limited  
Niagara Falls ON

**Database:**  
CONV

**File No:** 110903

**Location:**

**Crown Brief No:**

**Region:**

**Court Location:**

**Ministry District:**

**Publication City:**

**Publication Title:**

**Act:**

**Act(s):**

**First Matter:**

**Second Matter:**

**Investigation 1:**

**Investigation 2:**

**Penalty Imposed:**

**Description:**

Modern Mosaic Limited has been fined \$21,000 after pleading guilty to three counts under the Ontario Water

Resources Act (OWRA). The company produces specialty concrete forms at a facility in Niagara Falls. The process requires the use of acids to etch the external surfaces of the poured concrete. The acids are then washed off, collected and drained to a sewage works located on the property as wastewater that is required to be treated. This process has been approved by the Ministry of the Environment through a Certificate of Approval. In August 2003, ministry staff inspected the facility and found that the existing sewage works had been altered without ministry approval and that the wastewater generated from the concrete forming operation was not being treated in accordance with its Certificate of Approval. The matter was referred to MOE's Investigations and Enforcement Branch and charges were laid. On October 21, 2005, Modern Mosaic Limited pleaded guilty to one count of discharging a material that may impair the quality of water, contrary to Section 30(1) of the OWRA, and two counts of failing to comply with conditions of its Certificate of Approval, contrary to Section 107(3) of the act. The company was fined \$8,000 on the first count, \$5,000 on the second and an additional \$8,000 on the third for a total of \$21,000. The fines are exclusive of victim fine surcharges.

**Background:**  
**URL:**

**Additional Details**

**Publication Date:**  
**Count:** 1  
**Act:** OWRA  
**Regulation:**  
**Section:** 30(1), 107(3)  
**Act/Regulation/Section:** OWRA- -30(1), 107(3)  
**Date of Offence:**  
**Date of Conviction:**  
**Date Charged:** 10/21/2005  
**Charge Disposition:** Fine, plus victim fine surcharge  
**Fine:** \$21,000  
**Synopsis:**

**Site:** *The Corporation of the City of Niagara Falls  
Beechwood Road, Garner Road, Kalar Road, Brown Road Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

<b>Approval No:</b>	7243-73XTC7	<b>MOE District:</b>
<b>Approval Date:</b>	2007-06-10	<b>City:</b>
<b>Status:</b>	Revoked and/or Replaced	<b>Longitude:</b>
<b>Record Type:</b>	ECA	<b>Latitude:</b>
<b>Link Source:</b>	IDS	<b>Geometry X:</b>
<b>SWP Area Name:</b>		<b>Geometry Y:</b>
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS	
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS	
<b>Address:</b>	Beechwood Road, Garner Road, Kalar Road, Brown Road	
<b>Full Address:</b>		
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7758-72ENMJ-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7758-72ENMJ-14.pdf</a>	

**Site:** *The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON L2E 6X5*

**Database:**  
*ECA*

<b>Approval No:</b>	4591-78XQFD	<b>MOE District:</b>
<b>Approval Date:</b>	2007-12-05	<b>City:</b>
<b>Status:</b>	Approved	<b>Longitude:</b>
<b>Record Type:</b>	ECA	<b>Latitude:</b>
<b>Link Source:</b>	IDS	<b>Geometry X:</b>
<b>SWP Area Name:</b>		<b>Geometry Y:</b>
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS	
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS	
<b>Address:</b>	Kalar Rd	
<b>Full Address:</b>		
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3245-78NQMC-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3245-78NQMC-14.pdf</a>	

**Site:** *1340258 Ontario Inc.  
Niagara Falls ON L2E 6S5*

**Database:**  
*ECA*

<b>Approval No:</b>	8514-9X5K3T	<b>MOE District:</b>
<b>Approval Date:</b>	2015-06-15	<b>City:</b>



**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/2102-9WYHWW-14.pdf>

**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **1340258 Ontario Inc.**  
**Part of Township Lot 185, 186 & 198 Niagara Falls ON L2E 6S5**

**Database:**  
**ECA**

**Approval No:** 1478-9NDLQL  
**Approval Date:** 2014-12-03  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Township Lot 185, 186 & 198  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7619-9J2P2H-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **The Corporation of the City of Niagara Falls**  
**Montrose Rd Niagara Falls ON L2E 6X5**

**Database:**  
**ECA**

**Approval No:** 3382-6V5RB3  
**Approval Date:** 2006-11-09  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8558-6TMTDM-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **The Corporation of the City of Niagara Falls**  
**Kalar Road Niagara Falls ON L2E 6X5**

**Database:**  
**ECA**

**Approval No:** 0605-AZFRZC  
**Approval Date:** 2018-06-22  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1381-AZBRPB-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **The Corporation of the City of Niagara Falls**  
**from Montrose Road to 100 metres west Niagara Falls ON L2E 6X5**

**Database:**  
**ECA**

**Approval No:** 9879-6G6J7K  
**Approval Date:** 2005-09-13  
**Status:** Approved  
**Record Type:** ECA

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**

**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** ECA-Municipal Drinking Water Systems **Geometry Y:**  
**Approval Type:** Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** from Montrose Road to 100 metres west  
**Full Address:**  
**Full PDF Link:**

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**Site:** *The Corporation of the City of Niagara Falls* **Database:**  
*Lots 209, 210 Stamford Niagara Falls ON L2E 6X5* **ECA**

**Approval No:** 4199-7GSPGC **MOE District:**  
**Approval Date:** 2008-07-31 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS **Geometry Y:**  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Lots 209, 210 Stamford  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5193-7GRR8Y-14.pdf>

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**Site:** *Lundy's Regency Arms Corp.* **Database:**  
*Oakwood Dr Niagara Falls ON* **ECA**

**Approval No:** 4696-5MAPUE **MOE District:**  
**Approval Date:** 2003-05-09 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS **Geometry Y:**  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1250-5LNU2C-14.pdf>

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**Site:** *The Corporation of the City of Niagara Falls* **Database:**  
*Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road Niagara Falls ON L2E 6X5* **ECA**

**Approval No:** 9097-7HNNG6 **MOE District:**  
**Approval Date:** 2008-09-24 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS **Geometry Y:**  
**Approval Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Lot 210, Stamford Twp. Parts 2 and 3 on Reference Plan, Blackburn Parkway off Montrose Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4265-7GSMT9-14.pdf>

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**Site:** *Lundy's Regency Arms Corp.* **Database:**  
*Oakwood Dr Niagara Falls ON* **ECA**

**Approval No:** 1609-5MAQ3U **MOE District:**  
**Approval Date:** 2003-05-09 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**

**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:**

**Geometry Y:**

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**Site:** **The Corporation of the City of Niagara Falls**  
**Montrose Rd Niagara Falls ON**

**Database:**  
**ECA**

**Approval No:** 3874-4KUSJZ  
**Approval Date:** 2000-06-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal and Private Water Works  
**Project Type:** Municipal and Private Water Works  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **800460 Ontario Limited**  
**Kalar Rd Niagara Falls ON L2E 6S5**

**Database:**  
**ECA**

**Approval No:** 5894-77KSJS  
**Approval Date:** 2007-10-17  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4222-77GQBD-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **1340258 Ontario Inc.**  
**Niagara Falls ON L2E 6S5**

**Database:**  
**ECA**

**Approval No:** 7501-AJZLJC  
**Approval Date:** 2017-03-03  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/3333-AJYHPC-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** **1340258 Ontario Inc.**  
**Niagara Falls ON L2E 6S5**

**Database:**  
**ECA**

**Approval No:** 0677-9YGLF9  
**Approval Date:** 2015-07-31  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9716-9T9LY8-14.pdf>

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**Site:** **1340258 Ontario Inc.** **Database:**  
**ECA**  
**Part of Township Lots 185, 186 & 198 Niagara Falls ON L2E 6S5**

**Approval No:** 8988-9KZHQ7 **MOE District:**  
**Approval Date:** 2014-06-24 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Township Lots 185, 186 & 198  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/8622-9KTJYR-14.pdf>

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**Site:** **The Regional Municipality of Niagara** **Database:**  
**ECA**  
**Montrose Rd Niagara Falls ON**

**Approval No:** 7074-4KPQZX **MOE District:**  
**Approval Date:** 2000-06-05 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/6007-4KERD6-14.pdf>

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**Site:** **The Corporation of the City of Niagara Falls** **Database:**  
**ECA**  
**Blackburn Parkway Niagara Falls ON L2E 6X5**

**Approval No:** 4391-BAPSN7 **MOE District:**  
**Approval Date:** 2019-04-28 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Blackburn Parkway  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4283-B7NKD3-14.pdf>

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**Site:** **The Corporation of the City of Niagara Falls** **Database:**  
**ECA**  
**Blackburn Pky Niagara Falls ON L2E 6X5**

**Approval No:** 1405-B9EKDT **MOE District:**  
**Approval Date:** 2019-02-25 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Blackburn Pky

**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0660-B9ALF5-13.pdf>

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**Site:** **1340258 Ontario Inc.**  
**Part of Township Lot 185, 186, 198, 199 Niagara Falls ON L2E 6S5** **Database:**  
**ECA**

**Approval No:** 0536-ASXKBV **MOE District:**  
**Approval Date:** 2017-11-10 **City:**  
**Status:** Revoked and/or Replaced **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Township Lot 185, 186, 198, 199  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/0707-ASQJXC-14.pdf>

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**Site:** **1340258 Ontario Inc.**  
**Part of Township Lot 185, 186, 198, 199 Niagara Falls ON L2E 6S5** **Database:**  
**ECA**

**Approval No:** 4494-AV3SX3 **MOE District:**  
**Approval Date:** 2018-01-25 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Part of Township Lot 185, 186, 198, 199  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1706-ARTQDQ-14.pdf>

---

**Site:** **The Corporation of the City of Niagara Falls**  
**Beechwood Road, Garner Road, Kalar Road, Brown Road Niagara Falls ON L2E 6X5** **Database:**  
**ECA**

**Approval No:** 5231-7BQLAS **MOE District:**  
**Approval Date:** 2008-02-12 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Beechwood Road, Garner Road, Kalar Road, Brown Road  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/1498-7BJLCS-14.pdf>

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**Site:** **The Corporation of the City of Niagara Falls**  
**Lots 209, 210 Stamford Niagara Falls ON L2E 6X5** **Database:**  
**ECA**

**Approval No:** 7584-7GSPQZ **MOE District:**  
**Approval Date:** 2008-07-31 **City:**  
**Status:** Approved **Longitude:**  
**Record Type:** ECA **Latitude:**  
**Link Source:** IDS **Geometry X:**  
**SWP Area Name:** **Geometry Y:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Lots 209, 210 Stamford  
**Full Address:**  
**Full PDF Link:**

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**Site:** *The Regional Municipality of Niagara  
Montrose Rd Niagara Falls ON*

**Database:**  
[ECA](#)

**Approval No:** 6146-7RLK55  
**Approval Date:** 2009-05-01  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Montrose Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4355-7REMBJ-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *The Corporation of the City of Niagara Falls  
Kalar Rd Niagara Falls ON L2E 6X5*

**Database:**  
[ECA](#)

**Approval No:** 7721-78XRB3  
**Approval Date:** 2007-12-05  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-Municipal Drinking Water Systems  
**Project Type:** Municipal Drinking Water Systems  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:**

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

---

**Site:** *Petro-Canada Inc.  
Oakwood Dr Niagara Falls ON L6L 6N5*

**Database:**  
[ECA](#)

**Approval No:** 1646-7LTMLY  
**Approval Date:** 2008-12-02  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Address:** Oakwood Dr  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7029-7KFHHY-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

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**Site:** *The Regional Municipality of Niagara  
Kalar Rd Niagara Falls ON*

**Database:**  
[ECA](#)

**Approval No:** 8184-4ZSQKR  
**Approval Date:** 2001-08-24  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Project Type:** MUNICIPAL AND PRIVATE SEWAGE WORKS  
**Address:** Kalar Rd  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4143-4ZSLJN-14.pdf>

**MOE District:**  
**City:**  
**Longitude:**  
**Latitude:**  
**Geometry X:**  
**Geometry Y:**

**Site:** **Montrose Road Niagara Falls ON**

**Database:**  
**EHS**

**Order No:** 20130321024  
**Status:** C  
**Report Type:** Custom Report  
**Report Date:** 28-MAR-13  
**Date Received:** 21-MAR-13  
**Previous Site Name:**  
**Lot/Building Size:**  
**Additional Info Ordered:**

**Nearest Intersection:**  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** .25  
**X:** 0  
**Y:** 0

---

**Site:** **Ford Motor Company of Canada  
Niagara Falls (Welland) ON**

**Database:**  
**NCPL**

**Year:** 1992  
**Site Name:**  
**Facility Owner:**  
**Discharge Type:** Wastewater  
**Sector:** Glass Plant  
**District Area:**  
**Type of Concern:** Policy and Guidelines  
**Contaminant:** see "Status Report"  
**Status Report:** Exceeded guidelines for biochemical oxygen demand and total suspended solids once each during the reporting period. Both exceedances were attributed to operational problems of the wastewater treatment plant. Company has improved operation and compliance is expected in 1993. This plant will be closed in early 1994, and all direct wastewater discharges will cease at that time.

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**Site:** **FORD MOTOR COMPANY OF CANADA  
NIAGARA GLASS PLANT NIAGARA FALLS ON**

**Database:**  
**NPCB**

**Company Code:** 00300A  
**Industry:** CEMENT  
**Site Status:** STORAGE ONLY (NON FEDERAL)  
**Transaction Date:** 3/4/1996  
**Inspection Date:** 9/15/1989

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**Site:** **Grand Niagara Resort Corporation  
Part Lots 1 through 6 Broken Front of Welland River City of Niagara Falls, Regional Municipality of Niagara CITY OF  
NIAGARA FALLS ON**

**Database:**  
**PTTW**

**EBR Registry No:** IA01E0352  
**Ministry Ref No:** 23014730  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** December 04, 2008  
**Proposal Date:** March 14, 2001  
**Year:** 2001  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Grand Niagara Resort Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East, Suite 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part Lots 1 through 6 Broken Front of Welland River City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS

**Site:** *Grand Niagara Golf Corporation*  
*Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON*

**Database:**  
*PTTW*

**EBR Registry No:** IA03E0010  
**Ministry Ref No:** 23024331  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** December 18, 2003  
**Proposal Date:** January 02, 2003  
**Year:** 2003  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part Lots 1 through 6, Broken Front of Welland River, City of Niagara Falls, Regional Municipality of Niagara CITY OF NIAGARA FALLS

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**Site:** *Grand Niagara Golf Corporation*  
*Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS ON*

**Database:**  
*PTTW*

**EBR Registry No:** 010-5157  
**Ministry Ref No:** 2676-7L9KRG  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** May 06, 2010  
**Proposal Date:** November 12, 2008  
**Year:** 2008  
**Instrument Type:** (OWRA s. 34) - Permit to Take Water  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Grand Niagara Golf Corporation  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 377 Burnhamthorpe Road East , 117, Mississauga Ontario, L5A 3Y1  
**Comment Period:**  
**URL:**

**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Part of Lots 1-6, Broken Front of Welland River, City of Niagara, Regional Municipality of Niagara CITY OF NIAGARA FALLS

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**Site:** *MORNINGSTAR LUMBER LIMITED*  
*MONTROSE RD NIAGARA FALLS ON L2H*

**Database:**  
*SCT*

**Established:** 0000  
**Plant Size (ft²):** 1400  
**Employment:** 1

**--Details--**

**Description:** HARDWOOD DIMENSION AND FLOORING MILLS  
**SIC/NAICS Code:** 2426



Description: Other Millwork  
SIC/NAICS Code: 321919

**Site:** UNKNOWN  
ON KALAR RD. BETWEEN BROWN ST. & CHIPPEWA CREEK NIAGARA FALLS CITY ON

**Database:**  
SPL

**Ref No:** 170411  
**Site No:**  
**Incident Dt:** 7/19/1999  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/19/1999  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** SOURCE UNKNOWN - 15 L OF PHOSPHORIC ACID TO GROUND FROM CONTAINER.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** FIRE DEPT.  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** NIAGARA, REGIONAL MUNICIPALITY  
CHIPPAWA HYDRO CANAL, FROM KALAR RD. FORCEMAIN NEAR KENT ST. SANITARY SEWER  
SYSTEM/PUMPING STATION NIAGARA FALLS CITY ON

**Database:**  
SPL

**Ref No:** 119995  
**Site No:**  
**Incident Dt:** 10/24/1995  
**Year:**  
**Incident Cause:** PIPE/HOSE LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Multi Media Pollution  
**Receiving Medium:** LAND / WATER  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 10/24/1995  
**Dt Document Closed:**  
**Incident Reason:** MATERIAL FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** NIAGARA R.M.: UKN AMT OF SEWAGE TO GROUND & HYDRO CANAL FROM BROKEN MAIN.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

**Site:** TRANSPORT TRUCK  
ON THE Q.E.W IN NIAGARA FALLS AT MONTROSE RD. MOTOR VEHICLE (OPERATING FLUID) NIAGARA FALLS

**Database:**  
SPL

CITY ON

**Ref No:** 113009  
**Site No:**  
**Incident Dt:** 5/11/1995  
**Year:**  
**Incident Cause:** OTHER CONTAINER LEAK  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** POSSIBLE  
**Nature of Impact:** Soil contamination  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 5/11/1995  
**Dt Document Closed:**  
**Incident Reason:** EQUIPMENT FAILURE  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** CRAGCO LTD. - 450 L OF DIESEL FUEL TO GROUND FROM TRANSPORT TRUCK.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:** MTO  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

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**Site:** UNKNOWN  
SOUTH BOUND QEW AT SANDHILL PLANT NIAGARA FALLS CITY ON

**Database:**  
SPL

**Ref No:** 8753  
**Site No:**  
**Incident Dt:** 8/26/1988  
**Year:**  
**Incident Cause:** OTHER TRANSPORTATION ACCIDENT  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:**  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:**  
**Nature of Impact:**  
**Receiving Medium:** LAND  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 8/26/1988  
**Dt Document Closed:**  
**Incident Reason:** UNKNOWN  
**Site Name:**  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** 450 LITRES DIESEL FUEL TOLAND FROM TRUCK ACCIDENT.  
**Contaminant Qty:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:**  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:**  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** 18101  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:**  
**Source Type:**

---

**Site:** Terratec Environmental Ltd.  
Browns Road b/w Montrose Rd. and Garner Rd. Niagara Falls ON

**Database:**  
SPL

**Ref No:** 0260-8KYJ7M  
**Site No:**  
**Incident Dt:** 8/22/2011  
**Year:**  
**Incident Cause:** Other Discharges  
**Incident Event:**

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Other  
**Agency Involved:**

<b>Contaminant Code:</b>	45	<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	BIO-SOLIDS (N.O.S.)	<b>Site Address:</b>	Browns Road b/w Montrose Rd. and Garner Rd.
<b>Contaminant Limit 1:</b>		<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>		<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>		<b>Site Region:</b>	
<b>Environment Impact:</b>	Possible	<b>Site Municipality:</b>	Niagara Falls
<b>Nature of Impact:</b>	Soil Contamination	<b>Site Lot:</b>	
<b>Receiving Medium:</b>		<b>Site Conc:</b>	
<b>Receiving Env:</b>		<b>Northing:</b>	
<b>MOE Response:</b>	Deferred Field Response	<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>	8/22/2011	<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	8/22/2011	<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>		<b>SAC Action Class:</b>	Land Spills
<b>Incident Reason:</b>	Spill	<b>Source Type:</b>	
<b>Site Name:</b>	Roadway<UNOFFICIAL>		
<b>Site County/District:</b>			
<b>Site Geo Ref Meth:</b>			
<b>Incident Summary:</b>	Terra Tec: dewatered biosolids to road		
<b>Contaminant Qty:</b>	80 kg		

**Site:** FORD MOTOR COMPANY  
NIAGARA FALLS ON

**Database:**  
SRDS

<b>Company Code:</b>		<b>Sector:</b>	
<b>Works ID:</b>	11	<b>Region:</b>	MOE WEST CENTRAL REGION
<b>SIC:</b>	3259	<b>District:</b>	MOE WELLAND DISTRICT
<b>SIC1:</b>	3259	<b>UTM Zone:</b>	17
<b>SIC1 Desc:</b>	OTHER VEHICLE ACCES.	<b>UTM Easting:</b>	653500
<b>SIC2:</b>		<b>UTM Northing:</b>	4767300
<b>SIC2 Desc:</b>		<b>UTM Precision:</b>	
<b>SIC3:</b>		<b>Minor Basin:</b>	LAKE ONTARIO
<b>SIC3 Desc:</b>		<b>Major Basin:</b>	GREAT LAKES
<b>Body of Water:</b>		<b>Report Year:</b>	1990-1994
<b>Terminal Stream:</b>			
<b>SIC Desc:</b>	OTHER MOTOR VEHICLE ACCESS PARTS & ASSEM IND		
<b>Mailing Address:</b>	9127 MONTROSE ROAD, NIAGARA FALLS L2E6X3		
<b>Corp Address:</b>	9127 MONTROSE ROAD		

**MISA Industrial Wastewater Discharge**

<b>Company Code:</b>		<b>Result Structure:</b>	
<b>Control Point Id:</b>	29	<b>Param Reported As:</b>	
<b>Sample Date:</b>		<b>Frequency:</b>	
<b>Regulation:</b>		<b>Sector:</b>	MISCELLANEOUS
<b>Value:</b>		<b>Component Type:</b>	
<b>Unit Of Measure:</b>			
<b>Control Point Name:</b>	FINAL DISCHARGE - GROSS DATA		
<b>Parameter Name:</b>			

# Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " \* " indicates that the database will no longer be updated. See the individual database description for more information.

## **Abandoned Aggregate Inventory:**

Provincial [AAGR](#)

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\*

**Government Publication Date: Sept 2002\***

## **Aggregate Inventory:**

Provincial [AGR](#)

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage.

**Government Publication Date: Up to Sep 2020**

## **Abandoned Mine Information System:**

Provincial [AMIS](#)

The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation.

**Government Publication Date: 1800-Oct 2018**

## **Anderson's Waste Disposal Sites:**

Private [ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1860s-Present**

## **Aboveground Storage Tanks:**

Provincial [AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

**Government Publication Date: May 31, 2014**

## **Automobile Wrecking & Supplies:**

Private [AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

**Government Publication Date: 1999-Jun 30, 2020**

## **Borehole:**

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

**Government Publication Date: 1875-Jul 2018**

**Certificates of Approval:**

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

**Government Publication Date: 1985-Oct 30, 2011\***

**Dry Cleaning Facilities:**

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: Jan 2004-Dec 2017**

**Commercial Fuel Oil Tanks:**

Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Chemical Manufacturers and Distributors:**

Private CHEM

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

**Government Publication Date: 1999-Jan 31, 2020**

**Chemical Register:**

Private CHM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

**Government Publication Date: 1999-Jun 30, 2020**

**Compressed Natural Gas Stations:**

Private CNG

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

**Government Publication Date: Dec 2012 - Sep 2020**

**Inventory of Coal Gasification Plants and Coal Tar Sites:**

Provincial COAL

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.\*

**Government Publication Date: Apr 1987 and Nov 1988\***

**Compliance and Convictions:**

Provincial CONV

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

**Government Publication Date: 1989-Dec 2019**

**Certificates of Property Use:**

Provincial CPU

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

**Government Publication Date: 1994-Sep 30, 2020**

**Drill Hole Database:**

Provincial [DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

**Government Publication Date: 1886 - Sep 2019**

**Delisted Fuel Tanks:**

Provincial [DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

**Government Publication Date: Jul 31, 2020**

**Environmental Activity and Sector Registry:**

Provincial [EASR](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of operation can be applied. The EASR is currently available for: heating systems, standby power systems and automotive refinishing. Businesses whose activities aren't subject to the EASR may apply for an ECA (Environmental Compliance Approval), Please see our ECA database.

**Government Publication Date: Oct 2011-Oct 31, 2020**

**Environmental Registry:**

Provincial [EBR](#)

The Environmental Registry lists proposals, decisions and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. Through the Registry, thirteen provincial ministries notify the public of upcoming proposals and invite their comments. For example, if a local business is requesting a permit, license, or certificate of approval to release substances into the air or water; these are notified on the registry. Data includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

**Government Publication Date: 1994-Sep 30, 2020**

**Environmental Compliance Approval:**

Provincial [ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

**Government Publication Date: Oct 2011-Oct 31, 2020**

**Environmental Effects Monitoring:**

Federal [EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

**Government Publication Date: 1999-Jul 31, 2020**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date: Dec 31, 2016**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

**Government Publication Date: Jan 1, 2011 - Dec 31, 2019**

**List of Expired Fuels Safety Facilities:**

Provincial **EXP**

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Federal Convictions:**

Federal **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

**Government Publication Date: Jun 2000-Sep 2020**

**Fisheries & Oceans Fuel Tanks:**

Federal **FOFT**

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1964-Sep 2019**

**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal **FRST**

A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and Climate Change Canada's database of storage tank systems subject to the Storage Tank for Petroleum Products and Allied Petroleum Products Regulations. The main objective of the Regulations is to prevent soil and groundwater contamination from storage tank systems located on federal and aboriginal lands. Storage tank systems that do not have a valid identification number displayed in a readily visible location on or near the storage tank system may be refused product delivery.

**Government Publication Date: May 31, 2018**

**Fuel Storage Tank:**

Provincial **FST**

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Fuel Storage Tank - Historic:**

Provincial

[FSTH](#)

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

**Government Publication Date: Pre-Jan 2010\***

**Ontario Regulation 347 Waste Generators Summary:**

Provincial

[GEN](#)

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

**Government Publication Date: 1986-Jul 31, 2020**

**Greenhouse Gas Emissions from Large Facilities:**

Federal

[GHG](#)

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon dioxide equivalents (kt CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2018**

**TSSA Historic Incidents:**

Provincial

[HINC](#)

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

**Government Publication Date: 2006-June 2009\***

**Indian & Northern Affairs Fuel Tanks:**

Federal

[IAFT](#)

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

**Government Publication Date: 1950-Aug 2003\***

**Fuel Oil Spills and Leaks:**

Provincial

[INC](#)

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Landfill Inventory Management Ontario:**

Provincial

[LIMO](#)

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

**Government Publication Date: Feb 28, 2019**

**Canadian Mine Locations:**

Private

[MINE](#)

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

**Government Publication Date: 1998-2009\***



**Mineral Occurrences:**

Provincial [MNR](#)

In the early 70's, the Ministry of Northern Development and Mines created an inventory of approximately 19,000 mineral occurrences in Ontario, in regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

**Government Publication Date: 1846-Jan 2020**

**National Analysis of Trends in Emergencies System (NATES):**

Federal [NATE](#)

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

**Government Publication Date: 1974-1994\***

**Non-Compliance Reports:**

Provincial [NCPL](#)

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

**Government Publication Date: Dec 31, 2018**

**National Defense & Canadian Forces Fuel Tanks:**

Federal [NDFT](#)

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

**Government Publication Date: Up to May 2001\***

**National Defense & Canadian Forces Spills:**

Federal [NDSP](#)

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

**Government Publication Date: Mar 1999-Apr 2018**

**National Defence & Canadian Forces Waste Disposal Sites:**

Federal [NDWD](#)

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

**Government Publication Date: 2001-Apr 2007\***

**National Energy Board Pipeline Incidents:**

Federal [NEBI](#)

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

**Government Publication Date: 2008-Mar 31, 2020**

**National Energy Board Wells:**

Federal [NEBP](#)

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

**Government Publication Date: 1920-Feb 2003\***

**National Environmental Emergencies System (NEES):**

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

**Government Publication Date: 1974-2003\***

**National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

**Government Publication Date: 1988-2008\***

**National Pollutant Release Inventory:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

**Government Publication Date: 1993-May 2017**

**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at [www.nickles.com](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2020**

**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

**Government Publication Date: 1800-Jun 2020**

**Inventory of PCB Storage Sites:**

Provincial

OPCB

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of PCB storage sites within the province. Ontario Regulation 11/82 (Waste Management - PCB) and Regulation 347 (Generator Waste Management) under the Ontario EPA requires the registration of inactive PCB storage equipment and/or disposal sites of PCB waste with the Ontario Ministry of Environment. This database contains information on: 1) waste quantities; 2) major and minor sites storing liquid or solid waste; and 3) a waste storage inventory.

**Government Publication Date: 1987-Oct 2004; 2012-Dec 2013**

**Orders:**

Provincial

ORD

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures.

**Government Publication Date: 1994-Sep 30, 2020**

**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

**Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**

**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

**Government Publication Date: 1920-Jan 2005\***

**Pesticide Register:**

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

**Government Publication Date: Oct 2011-Oct 31, 2020**

**Pipeline Incidents:**

Provincial PINC

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date: Oct 31, 2020**

**Private and Retail Fuel Storage Tanks:**

Provincial PRT

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks and licensed retail fuel outlets. This database includes an inventory of locations that have gasoline, oil, waste oil, natural gas and/or propane storage tanks on their property. The MCCR no longer collects this information. This information is now collected by the Technical Standards and Safety Authority (TSSA).

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial PTTW

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water.

**Government Publication Date: 1994-Sep 30, 2020**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2020**

**Retail Fuel Storage Tanks:**

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

**Government Publication Date: 1999-Jun 30, 2020**

**Scott's Manufacturing Directory:**

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

**Government Publication Date: 1992-Mar 2011\***

**Ontario Spills:**

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: 1988-Nov 2019**

**Wastewater Discharger Registration Database:**

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

**Government Publication Date: 1990-Dec 31, 2017**

**Anderson's Storage Tanks:**

Private [TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal [TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

**Government Publication Date: 1970-Aug 2019**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial [WDS](#)

The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in the Province of Ontario. Active sites maintain a Certificate of Approval, are approved to receive and are receiving waste. Inactive sites maintain Certificate(s) of Approval but are not receiving waste. Closed sites are not receiving waste. The data contained within this database was compiled from the MOE's Certificate of Approval database. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number. All new Environmental Compliance Approvals handed out after Oct 31, 2011 for Waste Disposal Sites will still be found in this database.

**Government Publication Date: Oct 2011-Oct 31, 2020**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial [WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30th, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial [WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

**Government Publication Date: Apr 30, 2020**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

**APPENDIX E**

**QUALIFICATIONS OF THE ASSESSORS**



## QUALIFICATIONS OF THE ASSESSORS

### **Braedan Huras, B.Sc., EPt**

Environmental Technician

Mr. Braedan Huras is an Environmental Technician with experience conducting Phase One/I and Two/II Environmental Site Assessments (ESAs) for various clients. The Phase Two/II ESAs have included drilling, groundwater monitoring and sampling, and test pitting. He has been thoroughly trained to conduct Phase One/I Environmental Site Assessments (ESAs) in accordance with the Phase One/I ESA standards as defined by Ontario Regulation 153/04 and CAN/CSA Z768-01. Mr. Huras holds a B.Sc. (Hons.) in Integrated Science with a Concentration in Biology from McMaster University. He has a post graduate certificate in Environmental Management and Assessment from Niagara College, in addition, he is certified by Eco Canada as an Environmental Professional in Training.

### **Patrick Shriner, P.Geo.**

Associate, Environmental Geoscientist

Mr. Shriner is an Associate Environmental Geoscientist in Wood's Niagara (St. Catharines/Thorold) office. Patrick has over 30 years of experience on a wide range of environmental and municipal projects including: environmental site assessment (ESA) and remediation; peer review, designated substances surveys, waste management; landfill investigations and monitoring; hydrogeological investigations; risk assessment and risk management. Patrick is responsible for senior review and Quality Assurance of environmental projects and proposals undertaken by the Niagara office as well as senior technical support for the design, implementation and management of ESAs, site remediation projects, Brownfields clean-up and redevelopment. Patrick has participated in over 750 Phase I ESAs undertaken on behalf of a variety of clients including commercial and industrial manufactures, municipal governments, financial institutions and legal firms. Patrick is a recognized Qualified Person (QP) for ESAs under Ontario Regulation 153/04 – Records of Site Condition (RSC) and has filed several RSCs for a variety of properties across Ontario.

**APPENDIX F**  
**LIMITATIONS**





## LIMITATIONS

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of our Professional Services Contract;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our Contract; and
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the Site and attendant structures. Our conclusions cannot and are not extended to include those portions of the Site or structures, which are not reasonably available, in Wood's opinion, for direct observation.
4. The environmental conditions at the Site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the Site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The Site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on Site and may be revealed by different or other testing not provided for in our contract.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, Wood must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of Wood's services during the implementation of any remedial measures will allow Wood to observe compliance with the conclusions and recommendations contained in the report. Wood's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or the part, or any reliance thereon or decisions made based on any information or conclusions in the report is the sole responsibility of such third party. Wood accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of Wood.



11. Provided that the report is still reliable, and less than 12 months old, Wood will issue a third-party reliance letter to parties that the client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on Wood's report, by such reliance agree to be bound by our proposal and Wood's standard reliance letter. Wood's standard reliance letter indicates that in no event shall Wood be liable for any damages, howsoever arising, relating to third-party reliance on Wood's report. No reliance by any party is permitted without such agreement.

**Wood Environment & Infrastructure Solutions, a Division of Wood Canada  
Limited**

# V3.4.6

REGIONAL MUNICIPALITY OF NIAGARA  
SOUTH NIAGARA FALLS WASTEWATER SOLUTIONS

## Contamination Review

Phase 2 Environmental Site Assessment – Preferred Trunk Sewer



**PHASE II ENVIRONMENTAL SITE ASSESSMENT  
PROPOSED SEWER ALIGNMENT &  
CONSTRUCTION SHAFTS FOR FUTURE  
WASTEWATER TREATMENT PLANT  
PORTIONS OF REIXINGER ROAD, MONTROSE  
ROAD, BROWN ROAD AND OAKWOOD DRIVE,  
NIAGARA FALLS, ONTARIO**

**Submitted to:**

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**May 27, 2022**

**OESAM2008.6000**

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- Wood – 1 electronic copy.

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## 1.0 INTRODUCTION

Wood Environment & Infrastructure Solutions, a Division of Wood Canada Limited (Wood) was retained by the Regional Municipality of Niagara (RMON; the Client) to conduct a Phase II Environmental Site Assessment (ESA) of the property referred to as the future Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario (the Site). The Site includes the following:

- Reixinger Road, from 6811 Reixinger Road to Montrose Road;
- Montrose Road, from Reixinger Road to south of Canadian Drive;
- Brown Road, from Montrose Road to Heartland Forest Road; and
- A section of land extending in a straight-line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSLH SPS) to south of Canadian Drive.

A key plan showing the location of the Site is provided on **Figure 1**.

At the time of the Phase II ESA, the Site was owned and maintained by the City of Niagara Falls (the City) and the RMON, depending on the section of roadway. The RMON partially owns and maintains (with Ontario Power Generation; OPG) the property at 7606 Oakwood Drive, Niagara Falls. **Figure 1** illustrates the lot configuration of the Site. The Client intends on installing a new sanitary sewer alignment and construction shafts at the Site.

The Client retained Wood to provide an evaluation of known and possible environmental issues at the Site. Prior to this Phase II ESA, Wood completed a Phase I ESA for the Client. The report, titled “*Phase I Environmental Site Assessment, Proposed Sewer Alignment & Construction Shafts for Future Wastewater Treatment Plant, Portions of Reixinger Road, Montrose Road, Brown Road and Oakwood Drive, Niagara Falls, Ontario*” and dated February 8, 2021 (2021 Phase I ESA), was provided to the Client under separate cover.

### 1.1 Background

The following is a summary of information obtained during the 2021 Phase I ESA:

*The Site is an irregular-shaped property, approximately 5.2 kilometres (km) in length. The Site was primarily flat, except for slopes down towards ditches on either side of the roadway. The surface of the Site consisted mainly of asphalt and gravel, with some grass and vegetation between 7606 Oakwood Drive and Montrose Road. The Queen Elizabeth Way highway (QEW) crosses the Site at Reixinger Road as well as the northern portion of the Site. The surface of the Site was primarily asphalted roadway.*

*Based on a review of the available information sources, the majority of properties surrounding the Site were agricultural/vacant until prior to 1954, when development of industrial/commercial/residential properties began in the area of the Site. A railway (industrial land use) has been present since prior to 1934 and crosses Montrose Road just south of the Welland River.*

*Based on a review of the available information sources and on observations of current and historical surrounding properties (from publicly accessible locations), the following represent potentially contaminating activities (PCAs) which result in areas of potential environmental concern (APECs) on the Site:*

- *7606 Oakwood Drive was found to have a diesel fuel aboveground fuel storage tank (AST) and transformer on-Site, and was also listed in a Technical Memorandum completed in February of 2020 by Golder Associates, provided to Wood by the Client, as having registered fuel storage tanks and has been a registered hazardous waste generator for liquid fuels and polychlorinated biphenyls (PCBs);*
- *The presence of a diesel fuel AST at 8108 Heartland Forest Road;*
- *The presence of a liquid fuel AST at 7770 Canadian Drive;*
- *The industrial land use (railway) that crosses Montrose Road; and*
- *Commercial/industrial properties located on the west side of Montrose Road, most notably 9514 (including a spill of diesel fuel), 9127, and 8485 Montrose Road.*

The PCAs and APECs are summarized in the following table:



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	On-Site	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	On-Site	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and BTEX	Ground Water
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	Off-Site	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	On-Site	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	Off-Site	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	Off-Site	PHCs and VOCs	Ground Water

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted
<p>*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of <i>O. Reg. 153/04</i> as amended, where applicable.</p> <p>PHCs – Petroleum Hydrocarbons                      BTEX – Benzene, Toluene, Ethylbenzene, Xylenes                      PCBs – Polychlorinated Biphenyls                      PAHs – Polycyclic Aromatic Hydrocarbons                      VOCs – Volatile Organic Compounds                      EC – Electrical Conductivity                      SAR – Sodium Adsorption Ratio                              As – Arsenic                      Sb – Antimony    Se - Selenium</p>					

A Phase II ESA was recommended to address the above-noted areas of potential environmental concern.

**1.2 Objective and Scope of Work**

Wood’s scope of work for the Investigation included the sampling of soil from eleven drilled boreholes and the installation of two ground water monitoring wells (with associated soil and ground water sampling and analytical programs) in an effort to determine Site characteristics and contaminants of potential concern (COPCs) including, metals, including hydrides, inorganics, including pH, EC and SAR, fractionized PHCs in the F1-F4 ranges, VOCs/BTEX, PAHs and PCBs.

As this work is not being completed to support a Record of Site Condition (RSC) under Ontario Regulation 153/04 (*O. Reg. 153/04*), as amended, all work completed under this project was performed in general accordance with standard engineering practices and the following documents:

- Ministry of the Environment (MOE) document entitled “*Guide for Completing Phase Two Environmental Site Assessments under Ontario Regulation 153/04*” dated June 2011;

- Ministry of the Environment and Energy (MOEE) document entitled “*Guidance on Sampling and Analytical Methods for Use at Contaminated Sites in Ontario*”, dated December 1996;
- MOE document entitled “*Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*” issued by the Laboratory Services Branch of the MOE and dated March 9, 2004, amended as of July 1, 2011 (Analytical Protocol); and
- All analytical results were compared to the appropriate standards identified in the MOE (now known as the Ministry of the Environment, Conservation and Parks [MECP]) document entitled; “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*” dated April 15, 2011 (MOE SCS).

All work completed during the Investigation was carried out in accordance with the Terms of Reference as provided in the Client’s RFQ (2020-Q-65), Wood’s proposal (POESAM2040) and authorized by the Client on June 18, 2020. It must be noted that the scope of work completed by Wood, as part of this assessment, may not be sufficient (in and of itself) to meet the reporting requirements for the submission of an RSC in accordance with *O. Reg. 153/04*, as amended. If an RSC is an intended product of work conducted at the Site, further consultation and/or work is required.

## 2.0 WORK PROGRAM AND METHODOLOGY

This section describes the methods used during this subsurface investigation work, including all drilling, and soil and ground water sampling activities. Laboratory quality assurance/quality control (QA/QC) procedures are also discussed.

Borehole drilling, soil sampling and ground water monitoring and sampling activities were undertaken between December 2, 2020 and May 13, 2022.

All borehole and monitoring well locations in the investigation area are illustrated on **Figure 1**. The sample locations selected to address the APECs identified during the Phase I ESA (refer to Section 1.1).

The borehole drilling, and soil and ground water sampling procedures used are detailed below.

### 2.1 Subsurface Investigations and Soil Sampling

#### 2.1.1 Borehole Drilling and Soil Sampling

The borehole drilling for this project was coordinated with a Geotechnical Investigation underway concurrently for the same project. The Client retained WSP for the Geotechnical Investigation, and the drilling subcontractor, Ponthil Drilling Services Inc. (Ponthil), of Mount Albert, Ontario (MECP License Number 7383/7644) was retained by WSP. Subsurface utility locates were completed by WSP prior to drilling. All borehole drilling was completed by Ponthil, using a CME-75 truck-mounted drill rig, on various days between December 2 and 23, 2020.

All boreholes were drilled under the supervision of WSP. Wood attended the drilling during drilling of the boreholes indicated in the following table. It is noted that many of the boreholes extended well beyond these depths for the purposes of the Geotechnical Investigation, however, Wood was not present for this additional drilling.

Borehole ID	Address of APEC/PCA	Contaminants of Potential Concern	Monitoring Well Install	Maximum Depth of Sampling
BH-02	APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Metals including hydrides EC, SAR, pH PHCs and BTEX	-	4 m
BH-03	APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Metals including hydrides EC, SAR, pH PHCs and VOCs	Yes (BH-P02)	4/5 m
BH-04, BH-05 and BH-06	Montrose Road – General Site Characterization	Metals Including hydrides EC, SAR, pH	-	3 m
BH-07	APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs (9127 Montrose Road)	Metals Including hydrides EC, SAR, pH PHCs and VOCs PCBs PAHs	-	4 m
BH-07	APEC-5: Railway crossing Montrose Road, between Grassy Brook Road and 8891 Montrose Road			
BH-07 and BH-09	APEC-3: Spill of Diesel Fuel (Montrose Road between Reixinger Road and the Welland River)	PHCs and BTEX	-	4 m
BH-08	North Side of Reixinger Road – Auto Wrecking Yard	Metals including hydrides EC, SAR, pH PHCs and VOCs	-	4 m

Borehole ID	Address of APEC/PCA	Contaminants of Potential Concern	Monitoring Well Install	Maximum Depth of Sampling
BH-P01	APEC-1 (diesel AST) and APEC-2 (transformer) at 7606 Oakwood Drive (High Lift Pump Station)	Metals Including hydrides EC, SAR, pH PHCs and BTEX PCBs	Yes	4 m
BH-P03	APEC-6: chemical and pharmaceutical research company at 8485 Montrose Road	Metals Including hydrides EC, SAR, pH	-	5 m

Split spoon samples (0.6 m in length) were obtained at 0.8 m intervals during borehole advancement through at least the upper 6 m of each borehole. Soil cuttings generated during the investigation were left on-Site in the vicinity of each borehole or were placed in drums, at the direction of WSP.

The locations of the boreholes are shown on **Figure 1**.

Details of the borehole drilling are provided in the borehole logs in **Appendix A** (WSP logs for BH-02 to BH-09, and Wood logs for BH-P01 to BH-P03).

### 2.1.2 Field Screening Measurements

All soil samples were screened in the field for gross evidence of negative environmental impact including staining and odours. Soil sample headspace screening was also performed for the samples collected during drilling, to facilitate sample selections for laboratory analysis and to provide an assessment of the vertical contaminant distributions at each location. The duplicate soil sample fractions were screened for combustible organic vapour (COV) and total organic vapour (TOV) concentrations using the sample headspace method. COV and TOV concentrations were measured using an RKI EAGLE 2™ combustible vapour analyzer equipped with dual sensors and calibrated to known hexane and isobutylene standards and operated in methane elimination mode. The RKI EAGLE 2™ can detect 0-11,000 parts per million (ppm) and 0-100 % Lower Explosive

Limit (LEL) with an accuracy of  $\pm 5\%$  and the calibration standard is Hexane. The equipment is calibrated every day prior to the commencement of fieldwork.

The TOV/COV screening measures the cumulative organic/combustible vapour present within sample headspace. TOV/COV results are semi-quantitative at best and are generally only used for relative sample comparison purposes when selecting samples from individual boreholes for laboratory analysis.

The soil vapour concentrations are included in the borehole logs in Section 3.2.2.

### 2.1.3 Sample Logging and Handling

The soil samples retrieved during the field investigations were examined, classified, and logged per soil type, moisture content, colour, consistency, and presence of visual and/or olfactory indicators of negative impact.

All soil samples were collected in accordance with strict environmental sampling protocols to minimize loss of volatile organics and to ensure reliable and representative results. All soil sampling equipment was thoroughly decontaminated between soil sample locations to prevent potential cross-contamination. Decontamination activities included:

- Physical removal of any adhered debris;
- Wash/scrub in “Alconox” soap solution;
- Distilled water rinse; and
- Methanol rinse/air drying.

Soil samples collected during the drilling investigation were split into duplicate fractions upon recovery. The primary sample fractions were placed into glass jars with Teflon-lined lids supplied by the laboratory (no preservative). At sample locations which were potentially to be submitted for analysis for PHC F1 and BTEX, an Eze-Core Soil Sampler was used to obtain a 5 gram sample, which was then transferred into a 40 millilitre (mL) vial preserved with methanol. The samplers and vials were also provided by the laboratory. Each sample was labeled using a unique identifier (borehole of origin and depth interval below grade). All samples were subsequently stored in coolers on ice for future potential laboratory analysis.

The duplicate sample fractions were placed in resealable plastic sample bags for the purposes of field screening of TOV/COV.



All laboratory chemical analyses were conducted by Paracel Laboratories Limited (Paracel), an ISO 17025-accredited laboratory located in Ottawa, Ontario.

The criteria for the selection of soil samples for laboratory analysis were based on visual/olfactory observations and TOV/COV readings. The soil samples were submitted for pH determination, and analysis of metals including hydrides, inorganics, including pH, EC and SAR, PHCs, VOCs/BTEX, PAHs and PCBs. The specific borehole/monitoring well locations and depth intervals of samples selected for analysis and the parameters they were submitted for are included in the Tables appendix at the end of this report.

## 2.2 Monitoring Well Purging and Sampling

Two ground water monitoring wells were installed for environmental sampling purposes, at borehole locations BH-P01 and BH-P02. The locations selected for these monitoring wells represented the areas on the Site with the highest potential for ground water impact.

The monitoring wells were constructed using 40-millimetre (mm) diameter, schedule 40, flush-joint threaded PVC monitoring well supplies. The wells were completed with a 3.05 m length of #10 mill slotted intake screen. The top of the intake screen was then extended just below the ground surface using solid riser pipe. A silica sand filter pack was placed between the intake screen and the wall of the borehole. The filter pack was extended approximately 0.3 m above the top of the well screen. A bentonite seal was placed above the sand pack to surface. The wells were completed with flush mounted casings. Details of the monitoring well construction are included in the borehole logs in **Appendix A**.

Ground water monitoring wells BH-P01 and BH-P02 were instrumented with dedicated Waterra™ foot valve inertial pumps fitted with polyethylene tubing to facilitate well development. The newly installed wells were developed on January 7, 2021 by purging three well volumes using dedicated instrumentation (i.e., foot valve and tubing). The monitoring wells were subsequently purged using low flow sampling techniques on January 13, 2021 until various parameters (including pH, conductivity and temperature) had reached stabilization criteria. During development and purging, an oil/water interface meter was used to measure potential accumulations of Light Non-Aqueous Phase Liquids (LNAPL) or Dense Non-Aqueous Phase Liquids (DNAPL), and ground water levels in the well. Both monitoring wells were purged and monitored again on May 13, 2022.

Following monitoring and purging activities, Wood collected a ground water sample from BH-P01 and BH-P02 into labelled, laboratory-provided containers using the low flow

sampling system with dedicated instrumentation. The samples were stored in a cooler on ice after collection and during transportation to the laboratory where they were delivered under continuous Chain of Custody documentation. The sampling methodology including jar, bottle and preservative requirements followed the Analytical Protocol.

The representative ground water samples collected during the investigation were submitted for laboratory analysis of metals, PHCs and/or VOCs. All laboratory chemical analyses were conducted by Paracel.

### 3.0 RESULTS OF THE FIELD INVESTIGATION

#### 3.1 Site Geology

The subsurface conditions encountered at the Site are described in the borehole logs provided in **Appendix A**.

The surficial conditions encountered at the Site were variable between borehole locations. In general, the surficial conditions encountered at the Site during the borehole drilling program consisted of layer of asphalt and granular fill (or topsoil in unpaved areas) over native, undisturbed silty clay. Silty clay fill was also present underlying the granular fill in some boreholes. Various additional layers were encountered beneath the silty clay, however, Wood was not on-Site for deeper drilling. Bedrock was encountered at depths ranging from 15.2 to 29.3 mbgs. Refer to the WSP Geotechnical Investigation for more detailed information on the overburden and bedrock drilling.

No deleterious fill materials were observed during the drilling program.

#### 3.2 Field Measurements

##### 3.2.1 Staining and Odours

Visual and/or olfactory evidence of petroleum hydrocarbon impact (petroleum-like odours and/or black staining) or other chemical-type impacts were not observed in any of the boreholes.

##### 3.2.2 COV and TOV Concentrations

COV and TOV concentration headspace measurements recorded in the soil samples collected from the boreholes are summarized in the following table.

BH ID	BH-02		BH-03		BH-04		BH-05		BH-06		BH-07		BH-08		BH-09		BH-P01		BH-P03	
	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T	C	T
	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O	O
	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
Sample Interval																				
SS1	-	-	25	1	-	-	-	-	-	-	-	-	0	1	-	-	0	1	0	1
SS2	-	-	0	0	60	0	0	2	-	-	-	-	-	-	-	-	0	1	0	0
SS3	-	-	60	0	115	0	0	2	0	0	55	0	0	0	-	-	0	1	0	0
SS4	-	-	35	0	55	0	0	0	15	0	0	0	0	0	-	-	0	0	0	0
SS5	-	-	60	1	100	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0
SS6	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	0	0	0	0
SS7	-	-	20	0	-	-	-	-	-	-	-	-	-	-	80	0	0	0	0	0
SS8	-	-	0	1	-	-	-	-	30	0	-	-	-	-	-	-	0	0	-	-

**Notes:** All readings in parts per million (ppm). “-“ means vapour sample not obtained from this sample interval.

COV concentration headspace measurements recorded in the soil samples collected from the boreholes ranged from non-detectable to 115 parts per million (ppm). TOV concentration headspace measurements recorded in the soil samples collected from the boreholes ranged from non-detectable to 2 ppm. The COV and TOV concentrations headspace measurements are summarized in the borehole logs in **Appendix A**.

It is Wood’s opinion that the results of the screening program suggest a low potential for the presence of combustible soil headspace vapour levels in the soil/fill samples.

Various samples were submitted for laboratory analysis of PHCs and VOCs or BTEX to confirm and quantify these results (refer to **Section 5.1**).



### 3.2.3 LNAPL and DNAPL

LNAPL or DNAPL were not observed during the purging and sampling of the monitoring wells.

#### 4.0 REGULATORY FRAMEWORK

The SCS applicable to the Site have been evaluated based on the following rationale:

- The Site consists of a roadway, which is classified as community property use;
- The results of the grain size test on sample BH-05-5-C indicated approximately 91.4% of the native silty clay consisted of particles less than 75 micrometres ( $\mu\text{m}$ ) in diameter (**Appendix B**). Therefore, the soil at the Site was classified as a medium and fine textured soil (i.e., contains 50% or more by mass of particles that are smaller than 75  $\mu\text{m}$  in mean diameter(*O. Reg. 153/04, s.42 (2)*));
- Municipal water service is not available in the general area of the Site, and therefore, the potable ground water condition applies. In addition, as per the 2021 Phase I ESA, a review of the MECP Well Records and ERIS report indicated that there were records for both domestic drinking water wells and monitoring wells within the vicinity of each Section of the Site.
- In accordance with *O. Reg. 153/04*, the Site includes land that is within 30 m of a “water body”, including both the Welland River, adjacent to the north of the Site and Grassy Brook Creek, adjacent to the northwest of the Site;
- Based on the boreholes drilled for the Investigation, the depth to bedrock is greater than 2 m; and
- The Site is classified as an *Environmentally Sensitive Area* under *O. Reg. 153/04* as amended, as:
  - The Site includes land and is within 30 m of land that is classified as an *Area of Natural Significance* as defined by *O. Reg. 153/04* as amended, including the following:
    - Portions of the Welland River West Wetland Complex, a Provincially Significant Wetland (PSW), including land adjacent to the Welland River;
    - Lower Grassy Brook Wetland Complex, a PSW, located surrounding Grassy Brook Creek;

- Lyon's Creek Wetland Complex, a PSW, located at the south end of the Site, on the south side of Reixinger Road;
  - Warran Creek Wetland Complex, a PSW, located adjacent to the Site to the south of Brown Road, west of Montrose Road;
  - The PSWs are also designated as Environmental Protection Area by the City of Niagara Falls (City) and RMON; and
- Eleven soil samples were submitted for pH determination. All samples had a pH between 7.4 and 7.7. The reported soil pH for all samples was within the range 5.0 to 9.0 units for surface soil (surface to 1.5 mbgs) and 5.0 to 11.0 units for subsurface soil (below 1.5 mbgs) (**Table 1**).

Due to the presence of *Areas of Natural Significance (ANSI)* both on-Site and off-Site (within 30 m of the Site boundaries), the Site is classified as an *Environmentally Sensitive Area*, and the SCS currently applicable to the Site are the Table 1 Background Site Condition Standards (Table 1 SCS), for residential/parkland/institutional/industrial/commercial/community property use.

However, not all of the Site would be considered an *Environmentally Sensitive Area*. Any lands greater than 30 m from a water body or *ANSI* could be compared to less stringent standards. Therefore, Wood has also compared the results to the Table 2 Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, for industrial/commercial/ community property use and medium and fine textured soils (the Table 2 SCS).

## 5.0 LABORATORY ANALYSES

### 5.1 Soil Sample Analyses

Twenty-three soil samples from the boreholes were submitted for analysis of general inorganics, metals, PHCs, VOCs/BTEX, PAHs and/or PCBs. The results of the analyses, and the respective Table 1 SCS and Table 2 SCS, are presented in detail in **Tables 1 through 3** (appended to this report), and summarized in the following table. Exceedances of the Table 1 SCS for conductivity and/or SAR were identified at six borehole locations, including BH02, BH-04, BH-05, BH-07, BHP-01 and BH-P03. There were no exceedances of the Table 1 SCS for metals, PHCs, VOCs/BTEX, PAHs or PCBs. Three borehole locations also exceeded the Table 2 SCS for conductivity. No other exceedances of the Table 2 SCS were identified.

Sample Name	Sample Depth (mbgs)	Sample Analyses					Exceedances Identified *	
		Ino rg,	Met als	PHCs VOCs / BTEX	PAHs	P C B	Table 1 SCS	Table 2 SCS
BH02-2-C	0.8-1.4	✓	✓	✓			SAR – 2.49 (2.4)	-
BH03-3-C	1.5-2.1	✓	✓				-	-
BH03-6-D & DUP AB	3.3			✓			-	-
BH04-3-C	1.5-2.1	✓	✓				Conductivity – 1,360 (700)	-
BH04-5-D	3.4			✓			-	-
BH05-2-D	1.0	✓					Conductivity – 2,270 (700) SAR – 6.9 (2.4)	Conductivity – 2,270 (1,400)
BH05-3-C	1.5-2.1		✓				-	-
BH05-4-D	2.5			✓			-	-



Sample Name	Sample Depth (mbgs)	Sample Analyses					Exceedances Identified *	
		Ino rg,	Met als	PHCs VOCs / BTEX	PAHs	P C B	Table 1 SCS	Table 2 SCS
BH06-3-D	1.7			✓			-	-
BH06-4-C	2.3-2.9	pH	✓				-	-
BH07-2-D	0.8	✓	✓				Conductivity – 1,690 (700) SAR – 5.09 (2.4)-	Conductivity – 1,690 (1,400)
BH07-3-D	1.8				✓	✓	-	-
BH07-4-D	2.6			✓			-	-
BH07-6-D	4.1	pH					-	-
BH08-1-C	0-0.6	✓	✓				-	-
BH08-2-D	1.1			✓			-	-
BH09-6-C	3.8-4.4	pH	✓				-	-
BH09-7-D	4.9			✓			-	-
BH-P01-1-C	0.4-0.6	✓				✓	Conductivity – 1,650 (700)	Conductivity – 1,650 (700)
BH-P01-2-D	1.0			✓			-	-
BH-P01-3-C	1.5-2.1		✓				-	-
BH-P03-1-C	0-0.6	✓					SAR – 4.34 (2.4)	-
BH-P03-4-C & DUP AG	2.3-2.9	pH	✓				-	-
Total # Samples		12	10	9	1	2		

Notes: All units are in micrograms per gram (µg/g) except conductivity, in microSiemens per centimetre (µs/cm), and SAR (unitless). \* Where an exceedance is shown, it is shown in this format: “parameter – result (Table x SCS)”.



The elevated conductivity and SAR in the soil is attributed to the use of road salt, applied to the road surfaces for the safety of vehicular traffic under conditions of snow or ice or both. As such, in accordance with Ontario Regulation 153/04, as amended, the exceedances for EC and SAR are not considered exceedances if they remain on the Site. Therefore, there were no exceedances identified in any of the soil samples from the four boreholes drilled for this Investigation.

The laboratory certificates of analysis are included in **Appendix B**.

## 5.2 Ground Water Sample Analyses

Ground water samples collected from two monitoring wells were submitted for analysis of metals, PHCs and VOCs. The results of the analyses, and the respective Table 1 SCS and Table 2 SCS, are presented in detail in **Tables 4 and 5** (appended to this report) and are summarized in the following table. Exceedances of the Table 1 SCS for metals were identified at both monitoring wells, while only BH-P01 exceeded the Table 2 SCS (for uranium). There were no exceedances of the Table 1 or Table 2 SCS for PHCs or VOCs.

The laboratory certificates of analysis are included in **Appendix B**.

Sample Name (Date)	Screened Interval (mbgs)	Sample Analyses		Exceedances Identified *	
		Met als	PHC/ VOC	Table 1 SCS	Table 2 SCS
BH-P01 (13-Jan-2021)	4.55-7.6	✓	✓	Uranium – 24.6 (8.9)	Uranium – 24.6 (20)
BH-P02 & DUP WA (13-Jan-2021)	4.55-7.6	✓	✓	Silver – 0.4 (0.3)	-
BH-P01 & Dup-GW (13-May-2022)	4.55-7.6	✓	X	Uranium – 24.2 & 22.9 (8.9)	Uranium – 24.6 & 22.9 (20)

Sample Name (Date)	Screened Interval (mbgs)	Sample Analyses		Exceedances Identified *	
		Metals	PHC/VOC	Table 1 SCS	Table 2 SCS
BH-P02 (13-May-2022)	4.55-7.6	✓	X	-	-
<b>Total # Samples</b>		4	2		
Notes: All units are in micrograms per Litre (µg/L). * Where an exceedance is shown, it is shown in this format: “parameter – result (Table x SCS)”.					

### 5.3 Quality Assurance Program

#### 5.3.1 Accreditation

The analytical laboratory employed to perform the laboratory analyses (Paracel) is accredited by the Standards Council of Canada/Canadian Association for Laboratory Accreditation Standards in accordance with ISO/IEC 17025:2005 – “*General Requirements for the Competence of Testing and Calibration Laboratories*” for the tested parameters and have met the standards for proficiency testing developed by the Standards Council of Canada for parameters set out in the Soil, Ground Water and Sediment Standards.

#### 5.3.2 Data Validation

##### Field QA/QC Program

The field QA/QC program consisted of analyzing blind field duplicate soil and ground water samples including:

- DUP AG, a field duplicate of soil sample BH-P03-4-C, for metals;
- Dup AB, a field duplicate of soil sample BH-03-6-D, PHCs and VOCs;
- DUP WA, a field duplicate of ground water sample BH-P02, for metals, PHCs and VOCs; and

- Dup-GW, a field duplicate of ground water sample BH-P01, for metals.

Duplicate samples are analyzed to assess the precision of the field sampling and laboratory analytical processes. To accurately calculate a statistically valid relative percent difference (RPD) for the duplicate sample, the concentration of the analytes found in both the original and duplicate sample must be greater than five (5) times the MDL. An assessment of the RPDs for the duplicate samples was completed (**Tables 1, 2, 4 and 5**). The RPDs were either not calculable as both values were not greater than five times the MDL or were below the RPD limits.

It is noted that the RPD values in the Analytical Protocol are for duplicate samples collected at the laboratory and are used for comparison to the RPDs calculated for field duplicates.

During the second sampling event on May 13, 2022, a field blank sample was submitted for analysis of metals. Field blanks are samples of laboratory provided reverse osmosis deionized (RODI) water, which is poured into a set of sample bottles at the same time and in the same general area as the samples are collected. The field blank is used to determine if there is presence of contamination as a result of field handling. The field blank was non-detectable for all parameters analyzed, indicating that the field activities did not bias the reported results.

A trip blank was also submitted for analysis of metals during the second sampling event. A trip blank is a sample of RODI water prepared and filled into the relevant sample bottles by the laboratory. The sample is sent with the bottle shipment, taken out to the field and then shipped back with the collected samples for analysis (not opened at any time by field staff). All parameters were found to be non-detectable in the trip blank.

All fieldwork was conducted in accordance with the applicable sampling guidelines, which included dedicated sampling equipment, disposable gloves, and sample preservation, where required.

#### Laboratory QA/QC Program

All sample analyses were performed within the required sample/extract hold times.

The analytical results reported for all laboratory duplicate, blank and spike samples were acceptable, with the exceptions noted on the laboratory certificates of analysis in

**Appendix B.** The analyses were accepted by the laboratory based on other QC in the batch.

In general, no information provided in the QA/QC results for soil and ground water samples would impact the findings of the investigation.

## 6.0 CONCLUSIONS

The Phase II ESA was completed to address APECs identified during the Phase I ESA, including:

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Boreholes Addressing this APEC	Contaminants of Potential Concern	Media Potentially Impacted
APEC-1: Presence of Diesel AST	7606 Oakwood Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-P01 (soil and ground water)	pH, EC, SAR, Metals, As, Sb, Se, PHCs, and BTEX	Soil and Ground Water
APEC-2: Presence of Transformer	7606 Oakwood Drive	PCA # 55 – Transformer Manufacturing, Processing and Use	BH-P01 (soil and ground water)	PHCs, BTEX, and PCBs	Soil and Ground Water
APEC-3: Spill of Diesel Fuel	Montrose Road between Reixinger Road and the Welland River	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-07 and BH-09	PHCs and BTEX	Ground Water

Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Boreholes Addressing this APEC	Contaminants of Potential Concern	Media Potentially Impacted
APEC-4: Industrial Land Uses, Spills, PCB Storage, ASTs	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks PCA #33 – Metal Treatment, Coating, Plating and Finishing PCA #34 – Metal Fabrication PCA #39 – Paints Manufacturing, Processing and Bulk Storage PCA #57 – Vehicles and Associated Parts Manufacturing	BH-07	EC, SAR, pH, Metals, As, Sb, Se, PHCs, VOCs, PCBs, and PAHs	Ground Water
APEC-5: Railway	Montrose Road between Grassy Brook Road and 8891 Montrose Road	PCA #46 – Rail Yards, Tracks and Spurs	BH-07	Metals including As, Sb, Se, PHCs, VOCs, and PAHs	Soil



Area of Potential Environmental Concern (APEC)	Location of APEC on Site	Potentially Contaminating Activity*	Boreholes Addressing this APEC	Contaminants of Potential Concern	Media Potentially Impacted
APEC-6: Chemical and Pharmaceutical Research Company at 8485 Montrose Road	Montrose Road Between Blackburn Parkway to 100 m South of Blackburn Parkway	PCA #8 – Chemical Manufacturing, Processing and Bulk Storage PCA #42 – Pharmaceutical Manufacturing and Processing	BH-P03	pH, EC, SAR, Metals, As, Sb, Se, and VOCs	Ground Water
APEC-7: Diesel Fuel AST Located at 8108 Heartland Forest Road	Brown Road Between Heartland Forest Road and 50 m East of Heartland Forest Road	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-03 (soil) and BH-P02 (ground water)	PHCs and VOCs	Ground Water
APEC-8: Liquid Fuel AST Located at 7770 Canadian Drive	Montrose Road Between Canadian Drive and 50 m South of Canadian Drive	PCA #28 – Gasoline and Associated Products Stored in Fixed Tanks	BH-02	PHCs and VOCs	Ground Water

\*Potentially Contaminating Activity (PCA) described specifically for the Site with reference to the applicable item number in the Table of Potentially Contaminating Activities provided in Schedule D of *O. Reg. 153/04* as amended, where applicable.

PHCs – Petroleum Hydrocarbons

BTEX – Benzene, Toluene, Ethylbenzene, Xylenes

PCBs – Polychlorinated Biphenyls

PAHs – Polycyclic Aromatic Hydrocarbons

VOCs – Volatile Organic Compounds

EC – Electrical Conductivity

SAR – Sodium Adsorption Ratio

As – Arsenic

Sb – Antimony

Se - Selenium



The Phase II ESA included the drilling of 10 boreholes, and the installation of two ground water monitoring wells (with associated soil and ground water sampling and analytical programs) in an effort to determine Site characteristics and COPCs including, including, metals, including hydrides, inorganics, PHCs, VOCs/BTEX, PAHs and PCBs.

The borehole drilling for this project was coordinated with a Geotechnical Investigation underway concurrently for the same project. The Client retained WSP for the Geotechnical Investigation, and the drilling subcontractor was retained by WSP. All boreholes were drilled under the supervision of WSP. Wood attended the drilling during drilling of the boreholes indicated in the table above. It is noted that many of the boreholes extended well beyond the depth required for environmental sampling, and Wood was not present for this additional drilling.

Due to the presence of ANSI both on-Site and off-Site (within 30 m of the Site boundaries), the Site is classified as an *Environmentally Sensitive Area*, and the SCS currently applicable to the Site are the Table 1 Background Site Condition Standards (Table 1 SCS), for residential/parkland/institutional/industrial/commercial/community property use.

However, not all of the Site would be considered *Environmentally Sensitive Area*. Any lands greater than 30 m from a water body or ANSI could be compared to less stringent standards. Therefore, Wood has also compared the results to the Table 2 Full Depth Generic Site Condition Standards in a Potable Ground Water Condition, for industrial/commercial/ community property use and medium and fine textured soils (the Table 2 SCS).

All samples with Table 1 or Table 2 SCS exceedances are summarized in the following table:

Soil Sample Location	Sample Depth (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
<b>Borehole Soil Samples</b>			
BH02-2-C	0.8-1.4	SAR – 2.49 (2.4)	-
BH04-3-C	1.5-2.1	Conductivity – 1,360 (700)	-



Soil Sample Location	Sample Depth (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
BH05-2-D	1.0	Conductivity – 2,270 (700) SAR – 6.9 (2.4)	Conductivity – 2,270 (1,400)
BH07-2-D	0.8	Conductivity – 1,690 (700) SAR – 5.09 (2.4)-	Conductivity – 1,690 (1,400)
BH-P01-1-C	0.4-0.6	Conductivity – 1,650 (700)	Conductivity – 1,650 (700)
BH-P03-1-C	0-0.6	SAR – 4.34 (2.4)	-
Ground Water Sample Location (Date)	Screened Interval (mbgs)	Exceedances of Table 1 SCS	Exceedances of Table 2 SCS
BH-P01 (13-Jan-2021)	4.55-7.6	Uranium – 24.6 (8.9)	Uranium – 24.6 (20)
BH-P02 & DUP WA (13-Jan-2021)	4.55-7.6	Silver – 0.4 (0.3)	-
BH-P01 & Dup-GW (13-May-2022)	4.55-7.6	Uranium – 24.2 & 22.9 (8.9)	Uranium – 24.6 & 22.9 (20)
BH-P02 (13-May-2022)	4.55-7.6	-	-

Notes:

All units for soil samples are in micrograms per gram (µg/g) except conductivity, in microSiemens per centimetre (µs/cm) and SAR (unitless).

All units for ground water samples are in micrograms per Litre (µg/L).

\* Where an exceedance is shown, it is shown in this format: “parameter – detected concentration in sample (Table X SCS)”.



**Borehole Soil Samples**

The elevated conductivity and SAR in the soil is attributed to the use of road salt, applied to the road surfaces for the safety of vehicular traffic under conditions of snow or ice or both. As such, in accordance with Ontario Regulation 153/04, as amended, the exceedances for EC and SAR are not considered exceedances if they remain on the Site. Therefore, there were no exceedances identified in any of the soil samples from the boreholes drilled for this Investigation.

**Ground Water Samples**

The ground water sample from monitoring well BH-P01 exceeded the Table 1 SCS and Table 2 SCS for uranium, and the sample from BH-P02 exceeded the Table 1 SCS for silver during the initial ground water sampling program in January 2021. To confirm these exceedances, Wood re-sampled both of the ground water monitoring wells in May 2022. The results of the re-sampling event showed that the ground water in BH-P01 exceeded the Table 1 and 2 SCS for uranium. The ground water in BH-P02 was not found to have any exceedances during the re-sampling event. Therefore, the initial silver exceedance in BH-P02 is considered to be an anomaly, and the uranium exceedance in BH-P01 is most likely a naturally occurring level. PHCs and VOCs were not detected in either well.

## 7.0 RECOMMENDATIONS

Based on the contaminants of concern, Wood does not see the exceedances to be a potential constraint or impediment for construction on these lands. However, the following considerations should be taken prior to and during construction:

- Any excess soil generated during construction in the sewer alignment must follow *Ontario Regulation 406/19 (O. Reg. 406/19): On-Site and Excess Soil Management*. The Phase I ESA completed prior to this Phase II ESA may be used as the Assessment of Past Uses report in support of excess soil management for the Site. However, since the date of the Phase I ESA is greater than 18 months old, it would need to be updated to meet the standards of the regulation. Additionally, some samples collected and analyzed during this Phase II ESA may be used towards the total number of samples analyzed that are required by *O. Reg. 406/19* based on the estimated volume of excess soil that will be generated. However, additional sample collection will be required to meet the sampling frequency required by *O. Reg. 406/19*. While the elevated levels of EC and SAR in soil are not considered to be exceedances in *O. Reg. 153/04* at the Site due to the use of road salt for safety purposes, they may be considered exceedances on other properties. This should be taken into consideration when planning for the potential removal of soil during construction activities following *O. Reg. 406/19*;
- A due diligence risk assessment could be completed to assess any risks associated with soil and/or ground water exceedances of the Table 1 or 2 SCS, as applicable. The risk assessment would also outline any mitigation measures to control the identified risks. Examples of mitigation measures may include: soil remediation (e.g., soil removal) and/or reducing ground water generated during construction; and
- It is recommended to undertake dewatering activities during construction when the ground water aquifer is encountered. Dewatering will reduce the chance that ground water exceedances are spread across the Site. Wood also recommends that the ground water in the area of the proposed sewer alignment be sampled for Niagara Sewer Use By-Law parameters. If the ground water does not exceed any of the Niagara Sewer Use By-Law parameters, it may be discharged to the regional

stormwater or sanitary sewer system during construction. It is noted that there is no value for uranium in the Niagara Sewer Use By-Law.

Should the ground water monitoring wells no longer be required, they must be maintained or abandoned in accordance with the requirements of Section 21(3) of Ontario Regulation 903 – Wells which states *“the well owner shall immediately abandon the well if it is not being used or maintained for future use as a well”*.

## 8.0 LIMITATIONS

This report was prepared for the exclusive use of Regional Municipality of Niagara and is intended to provide a Phase II Environmental Site Assessment of the property referred to as the future Sewer Alignment & Construction Shafts for the future Wastewater Treatment Plant Site in Niagara Falls, Ontario, including Reixinger Road, from 6811 Reixinger Road to Montrose Road, Montrose Road, from Reixinger Road to south of Canadian Drive, Brown Road, from Montrose Road to Heartland Forest Road and a section of land extending in a straight-line west from 7606 Oakwood Drive (South Side High Lift Sewage Pumping Station; SSHL SPS) to south of Canadian Drive. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of the third party. Should additional parties require reliance on this report, written authorization from Wood will be required. With respect to third parties, Wood has no liability or responsibility for losses of any kind whatsoever, including direct or consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The investigation undertaken by Wood with respect to this report and any conclusions or recommendations made in this report reflect Wood's judgment based on the Site conditions observed at the time of the Site inspections set out in this report and on information available at the time of preparation of this report. This report has been prepared for specific application to this Site and it is based, in part, upon visual observation of the Site, subsurface investigation at discrete locations and depths, and specific analysis of specific chemical parameters and materials during a specific time interval, all as described in this report. Unless otherwise stated, the findings cannot be extended to previous or future Site conditions, portions of the Site, which were unavailable for direct investigation, subsurface locations, which were not investigated directly, or chemical parameters, materials or analysis which were not addressed. Wood has used its professional judgment in analysing this information and formulating these conclusions.

Wood makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and change. Such interpretations and regulatory changes should be reviewed with legal counsel.

This Report is also subject to the further Standard Limitations contained in **Appendix C**.

## 9.0 CLOSURE

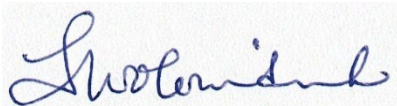
We trust that the information presented in this report meets your current requirements. Should you have any questions, or concerns, please do not hesitate to contact the undersigned.

Yours truly,

**Wood Environment & Infrastructure Solutions,  
a Division of Wood Canada Limited.**

Prepared by:

Reviewed by:



Tracy Wolowidnek, B.Sc.  
Environmental Scientist



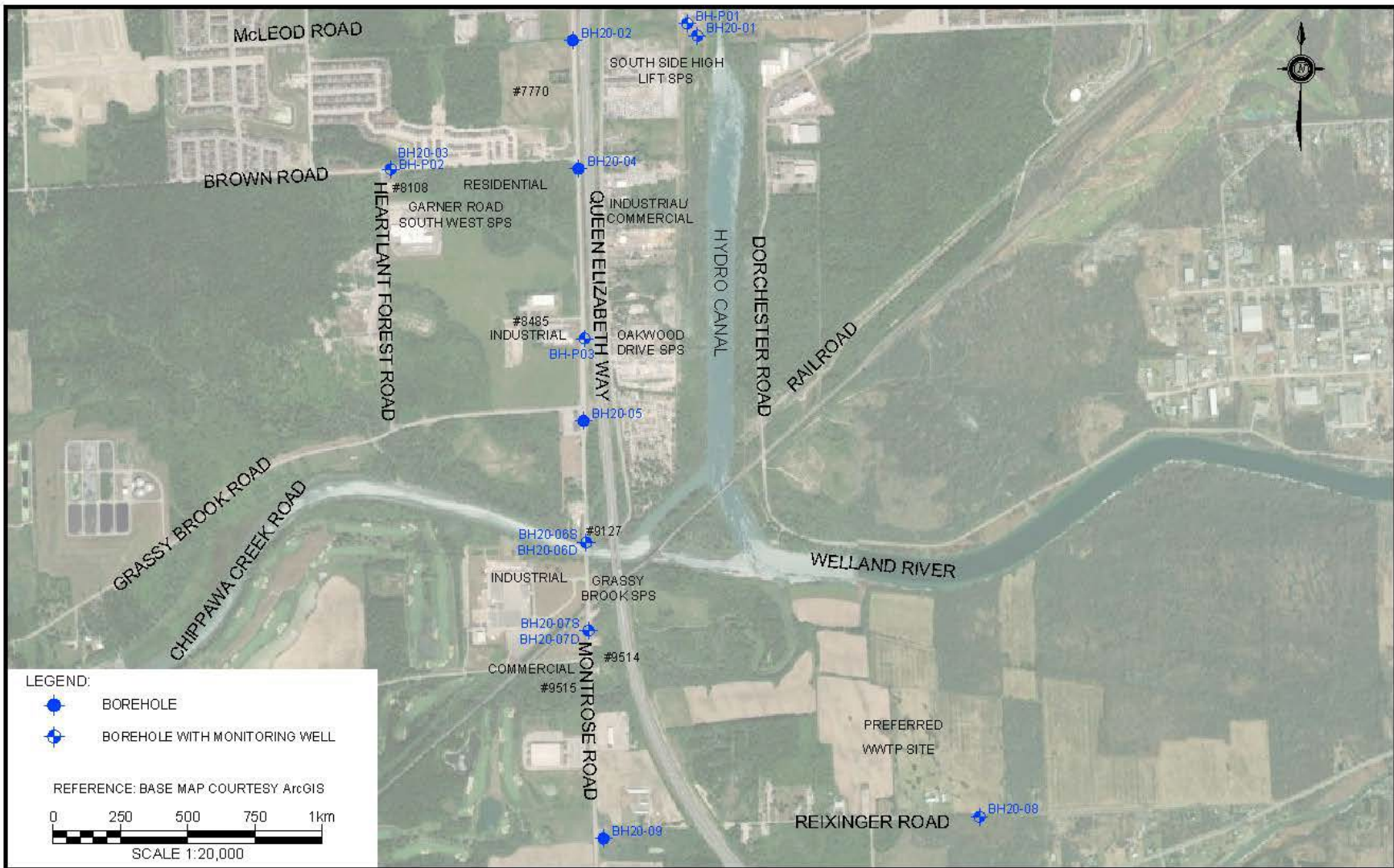
Patrick Shriner, P.Geo.  
Associate Environmental Geoscientist



Braedan Huras, B.Sc., EPT  
Environmental Technician



## FIGURES



CLIENT		DWN BY:	ZF	PROJECT	REV. NO.:	A
REGIONAL MUNICIPALITY OF NIAGARA		CHK'D BY:	BH	PHASE II ESA PROPOSED SEWER ALIGNMENT AND CONSTRUCTION SHAFTS	DATE:	JANUARY 2022
Wood Environment & Infrastructure Solutions 110 James Street, Suite 301 St. Catharines, Ontario L2R 7E8		DATUM:	NAD 83		PROJECT NO.:	OESAM2008.2000
wood.		PROJECTION:	UTM ZONE 17	TITLE	FIGURE No.	1
		SCALE:	AS SHOWN	SITE PLAN		

## TABLES

### Table Notes and Abbreviations

Site Condition Standards - Soil and Ground Water	
Table 1 SCS	Table 1: Background Site Condition Standards; established in "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", Ontario Ministry of the Environment (MOE), 15 April 2011. Table 1 SCS for Residential/Parkland/Institutional/ Industrial/Commercial/Community (R/P/I/I/C/C) Property Use and medium and fine textured soils utilized.
Table 2 SCS	Table 2: Full Depth Generic Site Condition Standards in a Potable Ground Water Condition; established in "Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act", Ontario Ministry of the Environment (MOE), 15 April 2011. Table 2 SCS for Industrial/Commercial/Community Property Use and medium and fine textured soils utilized.
<b>BOLD</b>	Result exceeds the Table 1 SCS.
<b>BOLD</b>	Result exceeds the Table 1 and Table 2 SCS.
NV	No value derived.
*	To apply the generic standards (Table 2 SCS), pH for surface soil must be between 5-9 and pH for subsurface soil must be between 5 to 11.
Units	
µg/g	micrograms per gram, parts per million.
µS/cm	microSiemens per centimetre.
µg/L	micrograms per Litre, parts per billion.
Detection Limits	
MDL	Method Detection Limit
Results	
-	Parameter not analyzed.
<	Sample result less than the MDL.
Quality Assurance/Quality Control (QA/QC)	
Duplicate Average	Average of results of sample and it's field duplicate; where parameter <MDL, MDL used to calculate average. Note: the duplicate average must exceed the SCS for there to be an exceedance.
RPD	Relative Percent Difference
NC	RPD not calculable as both values are not greater than 5x the MDL.
<b>RPD</b>	RPD outside of the sample duplicate values as outlined in the 2011 Analytical Protocol: <u>Soil:</u> -0.3 pH units; -10% for EC; -30% for Metals, PHCs; -35% for Cyanide (free); -40% for PAHs; and -50% for VOCs. <u>Ground Water:</u> -20% for Metals; and
Parameter Groups	
General Inorganics	includes pH, Sodium Adsorption Ratio (SAR) and Conductivity
Metals	includes hydride forming metals (antimony, arsenic and selenium)
PHCs	Petroleum Hydrocarbons in the F1 to F4 ranges
VOCs	Volatile Organic Compounds
PAHs	Polycyclic Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
mbgs	metres below ground surface
mASL	metres above sea level
	Elevated MDL (refer to notes on relevant table), detection limit shown if result <MDL.
	MDL higher than relevant standard.

**Table 1: Summary of Soil Analyses for General Inorganics and Metals**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID					BH-02-2-C	BH-03-3-C	BH-04-3-C	BH-05-2-D	BH-05-3-C	BH-05-5-C	BH-06-4-C	BH-07-2-D
Sample Depth (m)					0.6-1.4	1.5-2.1	1.5-2.1	1.0	1.5-2.1	3.1-3.7	2.3-2.9	0.6
Date Collected					14-Dec-2020	2-Dec-2020	7-Dec-2020	4-Dec-2020	4-Dec-2020	4-Dec-2020	15-Dec-2020	21-Dec-2020
Laboratory ID					2051388-01	2049378-01	2050129-01	2050005-01	2050005-02	2050005-04	2051388-03	2052104-01
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS								
<i>Physical Characteristics</i>												
>0.075 mm	%	0.1	-	-	-	-	-	-	-	8.6	-	-
<0.075 mm	%	0.1	-	-	-	-	-	-	-	91.4	-	-
Texture	%	0.1	-	-	-	-	-	-	-	Med/Fine	-	-
<i>General Inorganics</i>												
SAR	N/A	0.01	24	12	2.49	1.02	2.02	6.9	-	-	-	5.09
Conductivity	µS/cm	5	570	1400	513	440	1,360	2,270	-	-	-	1,690
pH	pH units	0.05	NV	5-9, 5-11*	7.6	7.7	7.6	7.4	-	-	7.6	7.7
<i>Metals</i>												
Antimony	µg/g	1.0	13	50	<	<	<	-	<	-	<	<
Arsenic	µg/g	1.0	18	18	5.7	4.9	6.0	-	4.7	-	3.9	6.8
Barium	µg/g	1.0	220	670	48.6	131	82.3	-	133	-	132	110
Beryllium	µg/g	0.5	25	10	<	0.7	0.7	-	1.0	-	0.7	0.9
Boron	µg/g	5.0	36	120	13.4	14.9	10.0	-	14.4	-	9.7	5.2
Cadmium	µg/g	0.5	12	1.9	<	<	<	-	<	-	<	<
Chromium	µg/g	5.0	70	160	13.9	22.3	21.1	-	30.1	-	18.6	23.5
Cobalt	µg/g	1.0	21	100	5.2	11.1	10.8	-	16.1	-	10.3	11.9
Copper	µg/g	5.0	92	300	15.8	17.4	25.0	-	23.8	-	13.3	22.9
Lead	µg/g	1.0	120	120	43.9	10.7	9.5	-	13.2	-	8.5	64.6
Molybdenum	µg/g	1.0	2	40	<	<	<	-	<	-	<	1.0
Nickel	µg/g	5.0	82	340	13.2	24.4	24.6	-	35.8	-	20.6	30.5
Selenium	µg/g	1.0	1.5	5.5	<	<	<	-	<	-	<	<
Silver	µg/g	0.3	0.5	50	<	<	<	-	<	-	<	<
Thallium	µg/g	1.0	1	3.3	<	<	<	-	<	-	<	<
Uranium	µg/g	1.0	25	33	<	<	<	-	1.1	-	<	<
Vanadium	µg/g	10.0	86	86	14.5	31.1	30.2	-	39.9	-	28.0	31.9
Zinc	µg/g	20.0	290	340	81.3	50.6	50.8	-	63.6	-	55.9	97.6

**Table 1: Summary of Soil Analyses for General Inorganics and Metals**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID				BH-07-6-D	BH-08-1C	BH-09-6-C	BH-P01-1-C	BH-P01-3-C	BH-P03-1-C	BH-P03-4-C	DUP AG	Duplicate Average	RPD
Sample Depth (m)				4.1	0-0.6	3.8-4.4	0.4-0.6	1.5-2.1	0-0.6	2.3-2.9	2.3-2.9	BH-P03-4-C and DUP AG	BH-P03-4-C and DUP AG
Date Collected				21-Dec-2020	18-Dec-2020	9-Dec-2020	10-Dec-2020	10-Dec-2020	11-Dec-2020	11-Dec-2020	11-Dec-2020		
Laboratory ID				2052104-04	2051634-01	2090381-01	2050905-01	2050905-03	2051018-01	2051018-02	2051018-03		
Parameter	Units	MDL	Table 1 SCS										
<i>Physical Characteristics</i>													
>0.075 mm	%	0.1	-	-	-	-	-	-	-	-	-	-	-
<0.075 mm	%	0.1	-	-	-	-	-	-	-	-	-	-	-
Texture	%	0.1	-	-	-	-	-	-	-	-	-	-	-
<i>General Inorganics</i>													
SAR	N/A	0.01	24	-	0.26		0.98	-	4.34	-	-	-	-
Conductivity	µS/cm	5	570	-	537		1,650	-	532	-	-	-	-
pH	pH units	0.05	NV	7.5	7.1	7.7	7.5	-	-	7.7	-	-	-
<i>Metals</i>													
Antimony	µg/g	1.0	13	-	<	<	-	<	-	<	<	<	NC
Arsenic	µg/g	1.0	18	-	4.5	5.1	-	54	-	5.3	4.5	4.9	NC
Barium	µg/g	1.0	220	-	107	95.3	-	104	-	153	124	138.5	21%
Beryllium	µg/g	0.5	25	-	0.7	0.5	-	0.9	-	1.0	0.9	1.0	NC
Boron	µg/g	5.0	36	-	5.0	167	-	133	-	18.9	18.3	18.6	NC
Cadmium	µg/g	0.5	12	-	<	<	-	<	-	<	<	<	NC
Chromium	µg/g	5.0	70	-	25.6	17.3	-	273	-	29.0	26.9	28.0	8%
Cobalt	µg/g	1.0	21	-	9.4	7.7	-	134	-	15.0	13.3	14.2	12%
Copper	µg/g	5.0	92	-	19.3	14.7	-	230	-	24.3	20.6	22.5	NC
Lead	µg/g	1.0	120	-	11.0	12.7	-	114	-	10.9	9.3	10.1	16%
Molybdenum	µg/g	1.0	2	-	<	1.2	-	<	-	<	<	<	NC
Nickel	µg/g	5.0	82	-	24.4	18.4	-	304	-	31.9	28.7	30.3	11%
Selenium	µg/g	1.0	1.5	-	<	<	-	<	-	<	<	<	NC
Silver	µg/g	0.3	0.5	-	<	<	-	<	-	<	<	<	NC
Thallium	µg/g	1.0	1	-	<	<	-	<	-	<	<	<	NC
Uranium	µg/g	1.0	25	-	<	1.0	-	<	-	<	<	<	NC
Vanadium	µg/g	10.0	86	-	37.5	20.8	-	363	-	29.6	35.8	37.7	NC
Zinc	µg/g	20.0	290	-	43.1	49.6	-	63.7	-	64.3	59.5	61.9	NC

**Table 2: Summary of Soil Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID		BH-02-2-C	BH-03-6-D	Dup AB	Duplicate Average	RPD	BH-04-5-D
Sample Depth (m)		0.8-1.4	3.3	3.3	BH-03-6-D and Dup AB	BH-03-6-D and Dup AB	3.4
Date Collected		14-Dec-20	2-Dec-20	2-Dec-20			7-Dec-20
Laboratory ID		2051388-01	2049378-02	2049378-03			2050129-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS			
<b>Petroleum Hydrocarbons (PHCs)</b>							
F1 PHCs [C6-C10]	µg/g	7	25	65	<	<	<
F2 PHCs [C10-C16]	µg/g	4	10	250	<	<	<
F3 PHCs [C16-C34]	µg/g	8	240	2500	13	<	<
F4 PHCs [C34-C50]	µg/g	6	120	6000	<	<	<
<b>Volatile Organic Compounds (VOCs)</b>							
Acetone	µg/g	0.50	0.5	28	<	<	<
Benzene	µg/g	0.02	0.02	0.4	<	<	<
Bromodichloromethane	µg/g	0.05	0.05	1.9	<	<	<
Bromoform	µg/g	0.05	0.05	1.7	<	<	<
Bromomethane	µg/g	0.05	0.05	0.05	<	<	<
Carbon Tetrachloride	µg/g	0.05	0.05	0.71	<	<	<
Chlorobenzene	µg/g	0.05	0.05	2.7	<	<	<
Chloroform	µg/g	0.05	0.05	0.18	<	<	<
Dibromochloromethane	µg/g	0.05	0.05	2.9	<	<	<
Dichlorodifluoromethane	µg/g	0.05	0.05	25	<	<	<
Ethylene dibromide (dibromoethane, 1,2-)	µg/g	0.05	0.05	0.05	<	<	<
1,2-Dichlorobenzene	µg/g	0.05	0.05	1.7	<	<	<
1,3-Dichlorobenzene	µg/g	0.05	0.05	12	<	<	<
1,4-Dichlorobenzene	µg/g	0.05	0.05	0.57	<	<	<
1,1-Dichloroethane	µg/g	0.05	0.05	0.6	<	<	<
1,2-Dichloroethane	µg/g	0.05	0.05	0.05	<	<	<
1,1-Dichloroethylene	µg/g	0.05	0.05	0.48	<	<	<
cis-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<
trans-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<
1,2-Dichloroethylene, total	µg/g	0.05	NV	NV	<	<	<
1,2-Dichloropropane	µg/g	0.05	0.05	0.68	<	<	<
cis-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<
trans-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<
1,3-Dichloropropene, total	µg/g	0.05	0.05	0.081	<	<	<
Ethylbenzene	µg/g	0.05	0.05	1.6	<	<	<
Hexane	µg/g	0.05	0.05	88	<	<	<
Methyl Ethyl Ketone (2-Butanone)	µg/g	0.50	0.5	88	<	<	<
Methyl Isobutyl Ketone	µg/g	0.50	0.5	210	<	<	<
Methyl tert-butyl ether	µg/g	0.05	0.05	2.3	<	<	<
Methylene Chloride	µg/g	0.05	0.05	2	<	<	<
Styrene	µg/g	0.05	0.05	43	<	<	<
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.05	0.11	<	<	<
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	0.094	<	<	<
Tetrachloroethylene	µg/g	0.05	0.05	2.5	<	<	<
Toluene	µg/g	0.05	0.2	9	<	<	<
1,1,1-Trichloroethane	µg/g	0.05	0.05	12	<	<	<
1,1,2-Trichloroethane	µg/g	0.05	0.05	0.11	<	<	<
Trichloroethylene	µg/g	0.05	0.05	0.61	<	<	<
Trichlorofluoromethane	µg/g	0.05	0.25	5.8	<	<	<
Vinyl Chloride	µg/g	0.02	0.02	0.25	<	<	<
m/p-Xylene	µg/g	0.05	NV	NV	<	<	<
o-Xylene	µg/g	0.05	NV	NV	<	<	<
Xylenes, total	µg/g	0.05	0.05	30	<	<	<

**Table 2: Summary of Soil Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID					BH-05-4-D	BH-06-3-D	BH-07-4-D	BH-08-2D	BH-09-7-D	BH-P01-2-D
Sample Depth (m)					2.5	1.7	2.6	1.1	49	1.0
Date Collected					4-Dec-20	15-Dec-20	21-Dec-20	18-Dec-20	9-Dec-20	10-Dec-20
Laboratory ID					2050005-03	2051388-02	2052104-03	2051634-02	2050381-02	2050505-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS						
<b>Petroleum Hydrocarbons (PHCs)</b>										
F1 PHCs (C6-C10)	µg/g	7	25	65	-	<	<	<	<	<
F2 PHCs (C10-C16)	µg/g	4	10	250	-	<	<	<	<	<
F3 PHCs (C16-C34)	µg/g	8	240	2500	-	45	<	<	<	9
F4 PHCs (C34-C50)	µg/g	6	120	6600	-	<	<	<	<	<
<b>Volatile Organic Compounds (VOCs)</b>										
Acetone	µg/g	0.50	0.5	28	<	<	<	<	-	-
Benzene	µg/g	0.02	0.02	0.4	<	<	<	<	<	<
Bromodichloromethane	µg/g	0.05	0.05	1.9	<	<	<	<	-	-
Bromoform	µg/g	0.05	0.05	1.7	<	<	<	<	-	-
Bromomethane	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
Carbon Tetrachloride	µg/g	0.05	0.05	0.71	<	<	<	<	-	-
Chlorobenzene	µg/g	0.05	0.05	2.7	<	<	<	<	-	-
Chloroform	µg/g	0.05	0.05	0.18	<	<	<	<	-	-
Dibromochloromethane	µg/g	0.05	0.05	2.9	<	<	<	<	-	-
Dichlorodifluoromethane	µg/g	0.05	0.05	25	<	<	<	<	-	-
Ethylene dibromide (dibromoethane, 1,2-)	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
1,2-Dichlorobenzene	µg/g	0.05	0.05	1.7	<	<	<	<	-	-
1,3-Dichlorobenzene	µg/g	0.05	0.05	12	<	<	<	<	-	-
1,4-Dichlorobenzene	µg/g	0.05	0.05	0.57	<	<	<	<	-	-
1,1-Dichloroethane	µg/g	0.05	0.05	0.6	<	<	<	<	-	-
1,2-Dichloroethane	µg/g	0.05	0.05	0.05	<	<	<	<	-	-
1,1-Dichloroethylene	µg/g	0.05	0.05	0.48	<	<	<	<	-	-
cis-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
trans-1,2-Dichloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
1,2-Dichloroethylene, total	µg/g	0.05	NV	NV	<	<	<	<	-	-
1,2-Dichloropropane	µg/g	0.05	0.05	0.68	<	<	<	<	-	-
cis-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<	<	-	-
trans-1,3-Dichloropropylene	µg/g	0.05	NV	NV	<	<	<	<	-	-
1,3-Dichloropropene, total	µg/g	0.05	0.05	0.081	<	<	<	<	-	-
Ethylbenzene	µg/g	0.05	0.05	1.6	<	<	<	<	<	<
Hexane	µg/g	0.05	0.05	88	<	<	<	<	-	-
Methyl Ethyl Ketone (2-Butanone)	µg/g	0.50	0.5	88	<	<	<	<	-	-
Methyl Isobutyl Ketone	µg/g	0.50	0.5	210	<	<	<	<	-	-
Methyl tert-butyl ether	µg/g	0.05	0.05	2.3	<	<	<	<	-	-
Methylene Chloride	µg/g	0.05	0.05	2	<	<	<	<	-	-
Styrene	µg/g	0.05	0.05	43	<	<	<	<	-	-
1,1,1,2-Tetrachloroethane	µg/g	0.05	0.05	0.11	<	<	<	<	-	-
1,1,2,2-Tetrachloroethane	µg/g	0.05	0.05	0.094	<	<	<	<	-	-
Tetrachloroethylene	µg/g	0.05	0.05	2.5	<	<	<	<	-	-
Toluene	µg/g	0.05	0.2	9	<	<	<	<	<	<
1,1,1-Trichloroethane	µg/g	0.05	0.05	12	<	<	<	<	-	-
1,1,2-Trichloroethane	µg/g	0.05	0.05	0.11	<	<	<	<	-	-
Trichloroethylene	µg/g	0.05	0.05	0.61	<	<	<	<	-	-
Trichlorofluoromethane	µg/g	0.05	0.25	5.8	<	<	<	<	-	-
Vinyl Chloride	µg/g	0.02	0.02	0.25	<	<	<	<	-	-
m/p-Xylene	µg/g	0.05	NV	NV	<	<	<	<	<	<
o-Xylene	µg/g	0.05	NV	NV	<	<	<	<	<	<
Xylenes, total	µg/g	0.05	0.05	30	<	<	<	<	<	<



**Table 3: Summary of Soil Analyses for PAHs and PCBs**

**Client:** Regional Municipality of Niagara

**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON

**Project:** OESAM2008

Sample ID					BH-07-3-C	BH-P01-1-C
Sample Depth (m)					1.8	0.4-0.6
Date Collected					21-Dec-20	10-Dec-20
Laboratory ID					2052104-02	2050505-01
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS		
<b>Polycyclic Aromatic Hydrocarbons (PAHs)</b>						
Acenaphthene	µg/g	0.02	0.072	29	<	-
Acenaphthylene	µg/g	0.02	0.093	0.17	<	-
Anthracene	µg/g	0.02	0.16	0.74	<	-
Benzo[a]anthracene	µg/g	0.02	0.36	0.96	<	-
Benzo[a]pyrene	µg/g	0.02	0.3	0.3	<	-
Benzo[b]fluoranthene	µg/g	0.02	0.47	0.96	<	-
Benzo[g,h,i]perylene	µg/g	0.02	0.68	9.6	<	-
Benzo[k]fluoranthene	µg/g	0.02	0.48	0.96	<	-
Chrysene	µg/g	0.02	2.8	9.6	<	-
Dibenzo[a,h]anthracene	µg/g	0.02	0.1	0.1	<	-
Fluoranthene	µg/g	0.02	0.56	9.6	<	-
Fluorene	µg/g	0.02	0.12	69	<	-
Indeno[1,2,3-cd]pyrene	µg/g	0.02	0.23	0.95	<	-
1-Methylnaphthalene	µg/g	0.02	0.59	42	<	-
2-Methylnaphthalene	µg/g	0.02	0.59	42	<	-
Methylnaphthalene (1&2)	µg/g	0.04	0.59	42	<	-
Naphthalene	µg/g	0.01	0.09	28	<	-
Phenanthrene	µg/g	0.02	0.69	16	<	-
Pyrene	µg/g	0.02	1	96	<	-
<b>Polychlorinated Biphenyls (PCBs)</b>						
PCBs, total	µg/g	0.05	0.3	1.1	<	<

Table 4: Summary of Ground Water Analyses for Metals

Client: Regional Municipality of Niagara  
 Site: Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
 Project: OESAM2008

Sample ID					BH-P01	BH-P02	Dup WA	RPD (%)	BH-P01	Dup-GW	RPD (%)	BH-P02	Field Blank	Trip Blank
Date Collected					13 Jan 2021	13 Jan 2021	13 Jan 2021		13 May 2022	13 Jan 2021		13 May 2022	13 May 2022	13 May 2022
Laboratory ID					2103308-01	2103308-02	2103308-03		2221025-01	2221025-03		2221025-02	2221151-01	2221151-02
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS										
<b>Metals</b>														
Antimony	µg/l	0.5	1.5	6.0	<	<	<	NC	<	<	NC	<	<	<
Arsenic	µg/L	1.0	13	25	<	1.2	1.2	NC	<	<	NC	2	<	<
Barium	µg/L	1.0	610	1,000	45.3	83.1	81.8	2%	32	33	3%	46	<	<
Beryllium	µg/L	0.5	0.5	4	<	<	<	NC	<	<	NC	<	<	<
Boron	µg/l	10.0	1,700	5,000	225	161	157	3%	129	128	1%	107	<	<
Cadmium	µg/L	0.2	0.5	2.7	<	<	<	NC	<	<	NC	<	<	<
Chromium	µg/L	1.0	11	50	<	<	<	NC	<	<	NC	<	<	<
Cobalt	µg/l	0.5	3.8	3.8	<	<	<	NC	<	<	NC	<	<	<
Copper	µg/L	0.5	5	87	2.9	1.1	2.8	NC	1.0	0.9	NC	1.3	<	<
Lead	µg/l	0.2	1.9	10	<	<	<	NC	<	<	NC	<	<	<
Molybdenum	µg/L	0.5	23	70	6.3	10.4	10.5	1%	5.9	5.7	3%	4.4	<	<
Nickel	µg/L	1.0	14	100	<	1.5	1.5	NC	<	3	NC	<	<	<
Selenium	µg/L	1.0	5	10	<	<	<	NC	<	<	NC	<	<	<
Silver	µg/l	0.2	0.3	1.5	<	0.4	0.4	NC	<	<	NC	<	<	<
Sodium	ug/L	200	490,000		-	-	-	-	92300	90900	2%	143000	<	<
Thallium	µg/L	0.5	0.5	2	<	<	<	NC	<	<	NC	<	<	<
Uranium	µg/L	0.2	8.9	20	24.6	6.6	6.4	3%	24.2	22.9	6%	3.8	<	<
Vanadium	µg/l	0.5	3.9	6.2	1.1	1.2	1.3	NC	0.5	0.5	NC	<	<	<
Zinc	µg/l	5.0	160	1,100	ND (5.0)	24.7	25.2	NC	<	<	NC	<	<	<



**Table 5: Summary of Ground Water Analyses for PHCs and VOCs**

**Client:** Regional Municipality of Niagara  
**Site:** Sewer Alignment and Construction Shafts for New WWTP, Niagara Falls, ON  
**Project:** OESAM2008

Sample ID					BH-P01	BH-P02	Dup WA	RPD (%)
Date Collected					13-Jan-2021	13-Jan-2021	13-Jan-2021	
Laboratory ID					2103308-01	2103308-02	2103308-03	BH/MW103 & Dup WA
Parameter	Units	MDL	Table 1 SCS	Table 2 SCS				
<i>Petroleum Hydrocarbons (PHCs)</i>								
F1 PHCs (C6-C10)	µg/L	25	420	750	<	<	<	NC
F2 PHCs (C10-C16)	µg/L	100	150	150	<	<	<	NC
F3 PHCs (C16-C34)	µg/L	100	500	500	<	<	<	NC
F4 PHCs (C34-C50)	µg/L	100	500	500	<	<	<	NC
<i>Volatile Organic Compounds (VOCs)</i>								
Acetone	ug/L	5.0	2700	2700	<	<	<	NC
Benzene	ug/L	0.5	0.5	5	<	<	<	NC
Bromochloromethane	ug/L	0.5	2	16	<	<	<	NC
Bromoform	ug/L	0.5	5	25	<	<	<	NC
Bromoethane	ug/L	0.5	0.89	0.89	<	<	<	NC
Carbon Tetrachloride	ug/L	0.2	0.2	5	<	<	<	NC
Chlorobenzene	ug/L	0.5	0.5	30	<	<	<	NC
Chloroform	ug/L	0.5	2	22	<	<	<	NC
Dibromochloromethane	ug/L	0.5	2	25	<	<	<	NC
Dichlorodifluoromethane	ug/L	1.0	590	590	<	<	<	NC
1,2-Dichlorobenzene	ug/L	0.5	0.5	3	<	<	<	NC
1,3-Dichlorobenzene	ug/L	0.5	0.5	99	<	<	<	NC
1,4-Dichlorobenzene	ug/L	0.5	0.5	1	<	<	<	NC
1,1-Dichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
1,2-Dichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
1,1-Dichloroethylene	ug/L	0.5	0.5	14	<	<	<	NC
cis-1,2-Dichloroethylene	ug/L	0.5	1.6	17	<	<	<	NC
trans-1,2-Dichloroethylene	ug/L	0.5	1.6	17	<	<	<	NC
1,2-Dichloropropane	ug/L	0.5	0.5	5	<	<	<	NC
cis-1,3-Dichloropropylene	ug/L	0.5	NV	NV	<	<	<	NC
trans-1,3-Dichloropropylene	ug/L	0.5	NV	NV	<	<	<	NC
1,3-Dichloropropane, total	ug/L	0.5	0.5	0.5	<	<	<	NC
Ethylbenzene	ug/L	0.5	0.5	2.4	<	<	<	NC
Ethylene dibromide (dibromoethane, 1,2-)	ug/L	0.2	0.2	0.2	<	<	<	NC
Hexane	ug/L	1.0	5	520	<	<	<	NC
Methyl Ethyl Ketone (2-Butanone)	ug/L	5.0	400	1800	<	<	<	NC
Methyl isobutyl Ketone	ug/L	5.0	640	640	<	<	<	NC
Methyl tert-butyl ether	ug/L	2.0	15	15	<	<	<	NC
Methylene Chloride	ug/L	5.0	5	90	<	<	<	NC
Styrene	ug/L	0.5	0.5	5.4	<	<	<	NC
1,1,1,2-Tetrachloroethane	ug/L	0.5	1.1	1.1	<	<	<	NC
1,1,2,2-Tetrachloroethane	ug/L	0.5	0.5	1	<	<	<	NC
Tetrachloroethylene	ug/L	0.5	0.5	17	<	<	<	NC
Toluene	ug/L	0.5	0.8	24	<	<	<	NC
1,1,1-Trichloroethane	ug/L	0.5	0.5	200	<	<	<	NC
1,1,2-Trichloroethane	ug/L	0.5	0.5	5	<	<	<	NC
Trichloroethylene	ug/L	0.5	0.5	5	<	<	<	NC
Trichlorofluoromethane	ug/L	1.0	150	150	<	<	<	NC
Vinyl Chloride	ug/L	0.5	0.5	1.7	<	<	<	NC
m/p-Xylene	ug/L	0.5	NV	NV	<	<	<	NC
o-Xylene	ug/L	0.5	NV	NV	<	<	<	NC
Xylenes, total	ug/L	0.5	72	300	<	<	<	NC

**APPENDIX A**  
**BOREHOLE LOGS**

# RECORD OF MONITORING WELL No. BH-P01

Project Number: OESAM2008.2000 Drilling Method: 200 mm Hollow Stem Augering  
 Project Client: RMON Drilling Machine: CME-75 Track-Mounted Drill Rig  
 Project Name: Phase II ESA Date Started: Dec 10, 20 Date Completed: Dec 10, 20  
 Project Location: Proposed WWTP Sewer Alignment and Construction Logged by: BH Compiled by: BH  
 Shaft Locations  
 Drilling Location: 4769632N; 653229E Reviewed by: KP Revision No.: 0, 1/5/21



Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING				SOIL SCREENING				INSTRUMENTATION INSTALLATION	COMMENTS
	DESCRIPTION		Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing ○ SPT ● DCPT				* Combustible Organic Vapour (ppm) ♦ Combustible Organic Vapour (%LEL) △ Total Organic Vapour (ppm)					
	Local Ground Surface Elevation: ASPHALT								20	40	60	80	100	200	300	400		
	FILL	0.1	SS	1	75	25												
	- 0.3 m of: Grey, granular, dry, over - 0.5 m of: Grey/brown, sand/gravel, dry																	
	Brown to reddish brown to grey, Silty Clay/Clayey Silt, With traces of sand and gravel, and organics from 0.9 to 1.5 mbgs, Silt/sand pockets throughout, APL to WTPL	0.9	SS	2	54	16	1											Sample BH-P01-1-C at to 0.4 to 0.6 mbgs submitted for laboratory analysis of EC, SAR, pH, and PCBs. Sample BH-P01-2-D at 1.0 mbgs submitted for laboratory analysis of PHCs (F1-F4) and BTEX.  Sample BH-P01-3-C at to 1.5 to 2.1 mbgs submitted for laboratory analysis of metals.
			SS	3	100	18	2											
			SS	4	100	21												
			SS	5	100	16												
			SS	6	100	9												
			SS	7	59	17												
			SS	8	100	9												
		BORHOLE TERMINATED						7.6										

Upon Completion: Borehole remained open and dry. Monitoring Well Installation: 3.05 m long, 5cm inside diameter Schedule 40 PVC pipe, No. 10 slot well screen with cone tip. No. 2 sand placed in annular space around well screen to 0.3 m above top of screen. Hydrated bentonite placed above sand pack to underside of concrete used to secure flushmount protective casing.

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 Fax: (905) 687-6620  
 www.woodplc.com

☒ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.

# RECORD OF MONITORING WELL No. BH-P02

Project Number: OESAM2008.2000 Drilling Method: 200 mm Hollow Stem Augering  
 Project Client: RMON Drilling Machine: CME-75 Truck-Mounted Drill Rig  
 Project Name: Phase II ESA Date Started: Dec 3, 20 Date Completed: Dec 3, 20  
 Project Location: Proposed WWTP Sewer Alignment and Construction Shaft Locations: BH Compiled by: BH  
 Drilling Location: 4769061N; 652136E Reviewed by: KP Revision No.: 0, 1/5/21



Lithology Plot	LITHOLOGY PROFILE		SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING				SOIL SCREENING				INSTRUMENTATION INSTALLATION	COMMENTS
	DESCRIPTION	Local Ground Surface Elevation:	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing	○ SPT	● DCPT	* Combustible Organic Vapour (ppm)	* Combustible Organic Vapour (%LEL)	△ Total Organic Vapour (ppm)	100	200		
	ASPHALT																	
	FILL Grey, "Granular A" with sand, dry to wet	0.2	SS	1	79	>50												
			SS	2	75	35	1											
	Reddish brown to grey, Silty Clay/Clayey Silt, With traces of sand and gravel, Higher silt content starting around 5.0 mbgs, Fissured, APL-WTPL	1.5	SS	3	67		2											
			SS	4	75	5												
			SS	6	100	6												
							3											
							4											
			SS	8	100	26	5											
			SS	9	100	4												
							6											
							7											
	BORHOLE TERMINATED	7.6																

Sample BH-03-3-C at 1.5-2.1 mbgs submitted for laboratory analysis of metals, EC, SAR, and pH.

Sample BH-03-6-D and Dup AB at 3.3 mbgs submitted for laboratory analysis of PHCs (F1-F4) and VOCs.

**NOTE:** This monitoring well is included in a nest of two wells. The stratigraphy and sample details were completed in one well, which was installed for other purposes for use by a separate consultant. The well details shown here describe the well installation details of the second well in the nest, which will be used for environmental ground water monitoring.

Upon Completion: Borehole remained open and dry.  
 Monitoring Well Installation: 3.05 m long, 5cm inside diameter Schedule 40 PVC pipe, No. 10 slot well screen with cone tip. No. 2 sand placed in annular space around well screen to 0.3 m above top of screen. Bentonite placed above sand pack to underside of concrete used to secure flushmount protective casing.

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☞ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.

# RECORD OF BOREHOLE No. BH-P03

Project Number: OESAM2008.2000  
 Project Client: RMON  
 Project Name: Phase II ESA  
 Project Location: Proposed WWTP Sewer Alignment and Construction  
 Drilling Location: 4768465N; 652854E

Drilling Method: 200 mm Hollow Stem Augering  
 Drilling Machine: CME-75 Truck-Mounted Drill Rig  
 Date Started: Dec 11, 20 Date Completed: Dec 11, 20  
 Logged by: BH Compiled by: BH  
 Reviewed by: KP Revision No.: 0, 1/5/21



Lithology Plot	LITHOLOGY PROFILE	SOIL SAMPLING				DEPTH (m)	ELEVATION (m)	FIELD TESTING	SOIL SCREENING	INSTRUMENTATION INSTALLATION	COMMENTS
	DESCRIPTION	Sample Type	Sample Number	Recovery (%)	SPT 'N' Value			Penetration Testing ○ SPT ● DCPT	* Combustible Organic Vapour (ppm) * Combustible Organic Vapour (%LEL) △ Total Organic Vapour (ppm)		
	Local Ground Surface Elevation: FILL Grey/brown, miscellaneous fill - Gravel, clay, silt, sand, With rootlets, Moist	SS	1	33	9			0			Sample BH-P03-1-C at 0.0 to 0.6 mbgs submitted for laboratory analysis of EC and SAR.
	Brown to reddish brown, Silty Clay/Clayey Silt, With traces of sand and gravel, and organics from 0.8 to 3.0 mbgs, Fissured, APL-WTPL	SS	2	67	18	1	○	0			
		SS	3	84	17	2	○	0			
		SS	4	84	13		○	0			
		SS	5	100	15	3	○	0			
		SS	6	100	12	4	○	0			
		SS	7	100	7	5	○	0			
	BORHEOLE TERMINATED					5.2					Upon Completion: Borehole remained open and dry.

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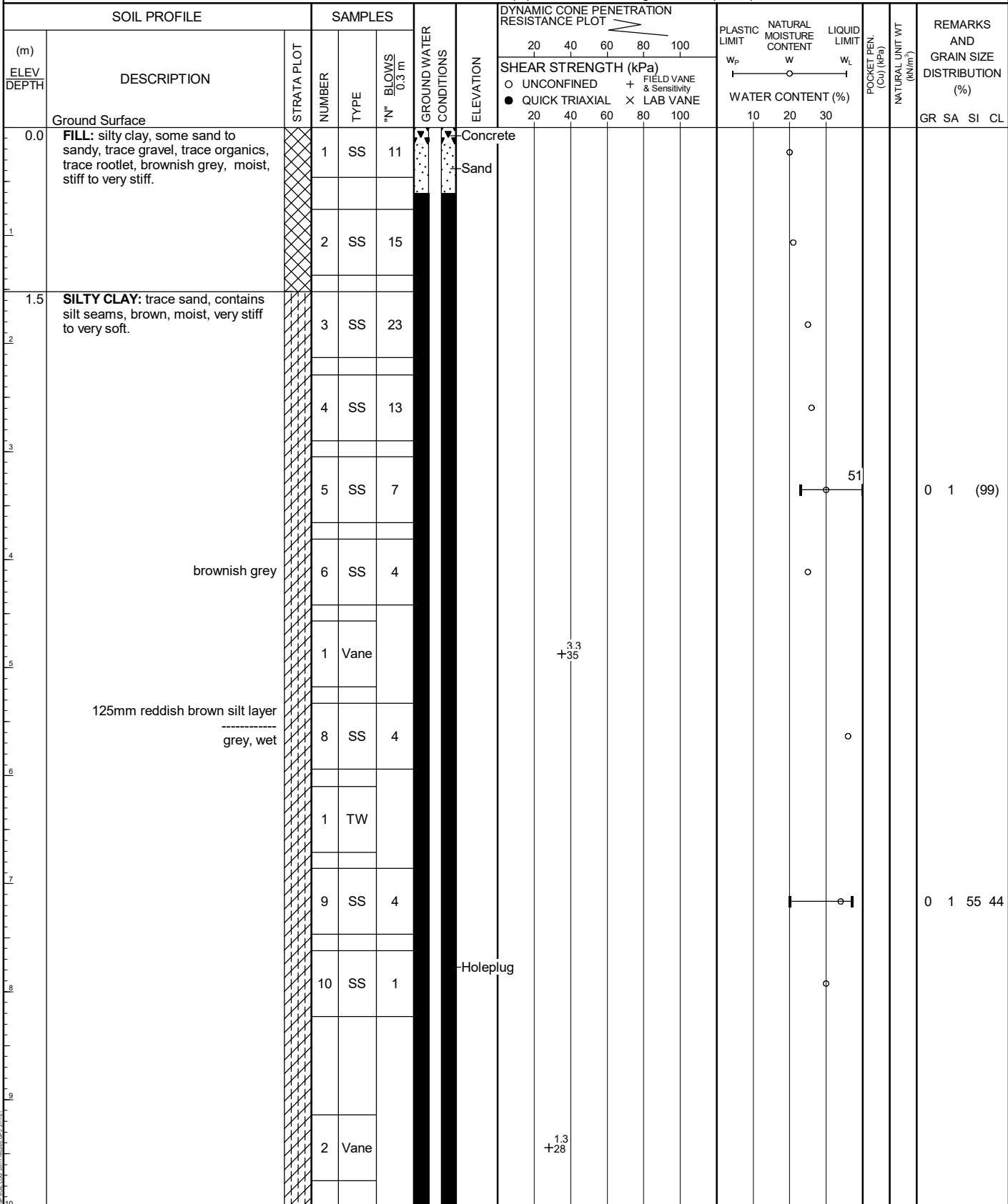
☒ No freestanding groundwater measured in open borehole on completion of drilling.

Borehole details as presented, do not constitute a thorough understanding of all potential conditions present. Also, borehole information should be read in conjunction with the environmental report for which it was commissioned.



LOG OF BOREHOLE BH-01

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-09-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK



Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3 , × 3 : Numbers refer to Sensitivity

○ = 3% Strain at Failure

WSP 02-03-2014 03:00:00  
 WSP 02-03-2014 03:00:00  
 WSP 02-03-2014 03:00:00



PROJECT: Geotechnical Investigation	Method: Hollow Stem Augers/HQ Core	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Diameter: 203 mm/63mm	ENCL NO.:
PROJECT LOCATION: Niagara Region Sanitary Sewer	Date: Dec-09-2020 to Dec-09-2020	ORIGINATED BY SL
DATUM: Geodetic	Equipment: Pontil Drilling CME 75 (Truck)	COMPILED BY BW
BH LOCATION: See Borehole Location Plan		CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)										
Continued																	GR SA SI CL	
10.2	<b>CLAYEY SILT TILL:</b> sandy, trace gravel, reddish brown, moist to wet, firm.		12	SS	7												11 32 45 12	
11.7	<b>SILTY SAND GRAVELLY:</b> trace clay, contains silty clay pockets, reddish brown, wet, dense to very dense.		13	SS	48												26 40 27 7	
	75mm silty clay layer		14	SS	50/ 150mm													
14.3	<b>BEDROCK:</b> Coring began at 14.02m Refer to Rock Core Log		1	RC														
16.8	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelly tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 15.24m and 16.76m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)																	

WSP 02 000445 201017 018  
WSP 02 000445 201017 018



LOG OF BOREHOLE BH-02

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-14-2020 to Dec-14-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)							
0.0	Ground Surface														
0.2	ASPHALT: 150mm FILL: crusher run limestone mix with silty clay pockets, grey, moist, compact.														
1			1	SS	16										
2			2	SS	15										
2.3	FILL: crusher run limestone, grey, moist, compact to loose.		3	SS	16										
3			4	SS	8										
4			5	SS	20										
5			6	SS	14										
6			7	SS	8										
6			8	SS	6										
6.6	SILTY CLAY: trace sand, contains silt seams, reddish brown, moist, firm to very soft.		10	SS	2										
7															
8															
8			1	Vane				2.7 +28							
9															
10															

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3 , × 3 : Numbers refer to Sensitivity

○ = 3% Strain at Failure

WSP 02-03-2014 REVISED QLS  
 WSP 02-03-2014 REVISED QLS

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-14-2020 to Dec-14-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
Continued																	
11	SILTY CLAY: trace sand, contains silt seams, reddish brown, moist, firm to very soft. (Continued)  grey, wet		11	SS	3												0 0 63 37
12																	
13			1	TW													
14	contains dilatant reddish brown silt layers		13	SS	3												
14.8	SILT: some clay to clayey, trace sand, dilatant, reddish brown, wet, compact.																
15			14	SS	15												
15.5	CLAYEY SILT TILL: sandy, trace gravel, contains shale/limestone fragments, reddish brown, moist, stiff to hard.																
16			15	SS	>50/ Initial 50mm												
16.8																	

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

WSP 02-03-2014 10:30:00 AM





LOG OF BOREHOLE BH-03

PROJECT: Geotechnical Investigation CLIENT: Regional Municipality of Niagara PROJECT LOCATION: Niagara Region Sanitary Sewer DATUM: Geodetic BH LOCATION: See Borehole Location Plan	Method: Hollow Stem Augers/HQ Core Diameter: 203 mm/63mm Date: Dec-02-2020 to Dec-03-2020 Equipment: Pontil Drilling CME 75 (Truck)	REF. NO.: 201-11602-00 ENCL NO.: ORIGINATED BY SL COMPILED BY BW CHECKED BY MK
--	--	--

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)							WATER CONTENT (%)
11	<b>SILTY CLAY:</b> trace sand, occasional gravel, contains dilatant silt seams/layers, reddish brown, wet, firm to soft(Continued)		15	SS	3									0 0 67 33	
12			3	TW											
13	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet to saturated, very loose.		17	SS	2									3 5 (92)	
14															
15	<b>BEDROCK:</b>  Coring began at 15.24m Refer to Rock Core Log		1	RC											
16			2	RC											
17			3	RC											
18			4	RC											
19															
20															

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-02-2020 to Dec-03-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						

20.1	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelby tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 4.50m and 7.60m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)														
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**GROUNDWATER ELEVATIONS**  
 Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure

WSP 02/03/2021 10:00 AM 201-11602-00-03







PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-07-2020 to Dec-08-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT					POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	PLASTIC LIMIT			NATURAL MOISTURE CONTENT	LIQUID LIMIT	SHEAR STRENGTH (kPa)		WATER CONTENT (%)				
					W <sub>p</sub>	W	W <sub>L</sub>									
					20	40	60	80	100	10	20	30				
19.9	Continued <b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelby tube sample.															

WSP 02/07/2021 09:00 AM 3000 G.P. 21-121

GROUNDWATER ELEVATIONS  
Measurement

GRAPH NOTES + 3, X 3: Numbers refer to Sensitivity      O ●=3% Strain at Failure



**LOG OF BOREHOLE BH-05**

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100
0.0	Ground Surface																	
0.2	<b>ASPHALT:</b> 150mm																	
0.2	<b>GRANULAR FILL:</b> 50mm FILL: crusher run limestone, contains silty sand pockets, brownish grey, moist, very dense to compact.		1	SS	50/ initial	125mm												
1.1	FILL: silty clay, trace sand, trace gravel, trace organics, trace rootlet, brownish grey, moist, stiff.		2	SS		13												
1.8	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to very soft.		3	SS		14												
			4	SS		19												
			5	SS		18												0 2 (98)
	brown to reddish brown		6	SS		6												
			1	Vane														
			8	SS		11												
	contains grey silt seams		9	SS		10												
			10	SS		9												
			11	SS		9												

Continued Next Page  
 GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, x 3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-05

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
Continued	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to very soft. (Continued)														
11	grey, wet		12	SS	2										
12			2	Vane				2.5							
13															
14			14	SS	2									0	5 (95)
15															
16			1	TW											
16.3	<b>SAND AND GRAVEL:</b> trace silt, trace clay, reddish brown, wet, compact to loose.														
17			16	SS	15										
18															
18.4	<b>SILTY CLAY:</b> trace sand, trace gravel, trace shale fragments, reddish brown, wet, stiff to firm.		17	SS	8										
19															
20															

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity    ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-05

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-04-2020 to Dec-04-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)		
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60	80							100	W <sub>p</sub>
Continued	<b>SILTY CLAY:</b> trace sand, trace gravel, trace shale fragments, reddish brown, wet, stiff to firm.(Continued)		18	SS	5														
21				3	Vane														
22																			
23																			
23.8	<b>BEDROCK:</b> Coring began at 23.77m Refer to Rock Core Log		1	RC															
24																			
25.0	<b>END OF BOREHOLE</b> Notes: 1) Borehole was sealed with bentonite and cement grouting. 2) TW denotes thin wall shelly tube sample.																		

2.4  
+59

WSP CO. PROJECT NO. 201-11602-00-05



LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation
CLIENT: Regional Municipality of Niagara
PROJECT LOCATION: Niagara Region Sanitary Sewer
DATUM: Geodetic
BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/Mud Rotary
Diameter: 203 mm
Date: Dec-15-2020 to Dec-16-2020
Equipment: Pontil Drilling CME 75 (Truck)

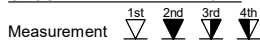
REF. NO.: 201-11602-00
ENCL NO.:
ORIGINATED BY AKJ
COMPILED BY BW
CHECKED BY MK

Table with columns: SOIL PROFILE (m, DESCRIPTION, STRATA PLOT), SAMPLES (NUMBER, TYPE, 'N' BLOWS 0.3 m), GROUND WATER CONDITIONS, ELEVATION, DYNAMIC CONE PENETRATION RESISTANCE PLOT (SHEAR STRENGTH (kPa)), PLASTIC LIMIT, NATURAL MOISTURE CONTENT, LIQUID LIMIT, POCKET PEN. (Cu) (kPa), NATURAL UNIT WT (kN/m3), REMARKS AND GRAIN SIZE DISTRIBUTION (%).

Vertical scale markings on the left side of the table.

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, x 3: Numbers refer to Sensitivity
o = 3% Strain at Failure



# LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/Mud Rotary  
 Diameter: 203 mm  
 Date: Dec-15-2020 to Dec-16-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY: AKJ  
 COMPILED BY: BW  
 CHECKED BY: MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
Continued	<b>SILTY CLAY:</b> trace sand, contains reddish brown silt layers, grey, wet, very soft to hard. (Continued)																
11			2	Vane				1.0	+28								
12																	
13	reddish grey		13	SS	1												
14			1	TW													
15																	
16	150mm wet grey sandy silt layer		15	SS	16												
17	contains reddish brown silt seams		16	SS	31												4 3 51 42
17.8	<b>SANDY GRAVEL:</b> trace silt, trace clay, reddish grey, wet, dense.																
18			17	SS	48												
19																	
19.4	<b>COARSE SAND:</b> trace to some gravel, trace silt, trace clay, grey, wet, compact to very dense.																
20																	

WSP 02-03-2020 10:30 AM 201-11602-00-01

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**GROUNDWATER ELEVATIONS**

Measurement  1st  2nd  3rd  4th

**GRAPH NOTES**

+ 3, × 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure



LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

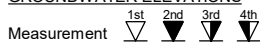
Method: Hollow Stem Augers/Mud Rotary  
 Diameter: 203 mm  
 Date: Dec-15-2020 to Dec-16-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)							
Continued															
21	COARSE SAND: trace to some gravel, trace silt, trace clay, grey, wet, compact to very dense. (Continued)  150mm dilatant reddish brown sandy silt layer, trace cobbles/boulders		18	SS	28										
22			19	SS	92/ 300mm										
22.4			20	SS	50/ 100										
23	SANDY GRAVEL: trace silt, trace clay, trace cobbles, grey, wet, very dense.														
24															
25															
26															
27															
27.4	BEDROCK:		21	SS/NR	50/ initial 0mm										
28															
29															
30															

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02 000 444 2017 01 01  
 WSP 02 000 444 2017 01 01



LOG OF BOREHOLE BH06 D

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/Mud Rotary
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-15-2020 to Dec-16-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.: ORIGINATED BY AKJ COMPILED BY BW CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						W <sub>p</sub>
	Continued <b>BEDROCK:</b> (Continued)													
30.5	<b>END OF BOREHOLE</b> Note: 1) TW denotes thin wall shelly tube sample. 2) 50 mm monitoring well was installed upon completion, screened between 28.35m and 30.48m.  Water Level measured in monitoring well: Date            W.L.Depth (m)		23	SS	50	initial 25mm								

WSP CO. INC. 4400 SHEPPARD AVE. E. UNIT 101 SCARBOROUGH, ONT. M1S 1T6

**GROUNDWATER ELEVATIONS**  
Measurement    1st    2nd    3rd    4th

**GRAPH NOTES**    + 3 , × 3 : Numbers refer to Sensitivity    ○ ● = 3% Strain at Failure





LOG OF BOREHOLE BH06 S

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-17-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
0.0	Ground Surface																
0.1	Direct Drilling to Depth of 15.24 Without Sampling																
	Lithology Inferred from BH-06 (Deep)																
1.8																	
3.8																	
4.6																	
5.7																	
7.2																	
9.3																	

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2020 15:30:00  
 WSP 02/03/2020 15:30:00





LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers//Mud Rotary/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-21-2020 to Dec-22-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)										
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60	80	100	20	40	60	80	100	10	20
0.0	Ground Surface																								
0.1	<b>GRANULAR FILL:</b> crusher run limestone, grey, moist, compact. <b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, grey, moist, very stiff to stiff.	[Cross-hatched pattern]	1	SS	19																				
1			2	SS	9																				
1.7	<b>SILTY CLAY:</b> trace sand, contains reddish brown silt seams, brown, moist, very stiff to very soft.	[Diagonal hatched pattern]	3	SS	18																				
2			4	SS	17																				
3			5	SS	14																				
4			6	SS	7																				
5			7	SS	8																				
6		grey	8	SS	7																				
6			9	SS	4																				
7																									
8			1	Vane																					
8																									
9																									
9			11	SS	2																				
10		contains dilatant silt layers																							

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

WSP 02/03/2021 10:30 AM 201-11602-00 BH-07 D



LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers//Mud Rotary/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-21-2020 to Dec-22-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
Continued	<b>SILTY CLAY:</b> trace sand, contains reddish brown silt seams, brown, moist, very stiff to very soft.(Continued)		1	TW												
11																
12			13	SS	1											
13																
14			2	Vane												
14.8	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet, loose to very dense.		15	SS	8											
15																
16																
17	some sand to sandy between 16.8m to 20.4m		17	SS	50											
18			18	SS	58											
19																
20																

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3, × 3: Numbers refer to Sensitivity ○ ●=3% Strain at Failure



LOG OF BOREHOLE BH-07 D

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers//Mud Rotary/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-21-2020 to Dec-22-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
	Continued																
	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet, loose to very dense. (Continued)		19	SS	55												
21																	
			20	SS	56												
22																	
23																	
24																	
24.7	<b>CLAYEY SILT TILL:</b> sandy, trace to some gravel, grey, moist to wet, stiff.		21	SS	13												
25																	
26																	
26.4	<b>BEDROCK:</b>  Coring began at 27.13m Refer to Rock Core Log																
27																	
			1	RC													
28																	
			2	RC													
29																	
30			3	RC													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02-03-2020 08:30:00  
 WSP 02-03-2020 08:30:00  
 WSP 02-03-2020 08:30:00





LOG OF BOREHOLE BH-07 S

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-23-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)									
0.0	Ground Surface																
0.1	Direct Drilling to Depth of 19.81 Without Sampling																
	Lithology Inferred from BH-07 (Deep)																
1.7																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	



LOG OF BOREHOLE BH-07 S

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

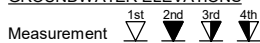
Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-23-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
Continued															
11															
12															
13															
14															
14.8															
15															
16															
17															
18															
19															
19.8	END OF BOREHOLE														

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GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2020 08:30 AM 201-11602-00 BH-07 S







LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface <b>FILL:</b> topsoil with silty clay pockets, trace sand, trace gravel, greyish brown, moist, firm.		1	SS	5											Concrete Sand
0.8	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, greyish brown, stiff.		2	SS	11											
1.5	<b>SILTY CLAY:</b> trace sand, brown, moist, very stiff to very soft.		3	SS	17											
	contains reddish brown silt seams		4	SS	13											
			5	SS	9											
			6	SS	9											
	grey		7	SS	6											
			8	SS	6											
	reddish grey, wet		9	SS	4											
			1	Vane												
			11	SS	3											

Continued Next Page

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure

WSP 02/03/2021 09:30 AM 201-11602-00 BH-08 LOG



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
						20 40 60 80 100 ○ UNCONFINED + FIELD VANE & Sensitivity ● QUICK TRIAXIAL × LAB VANE				W <sub>p</sub> W      W <sub>L</sub> PLASTIC LIMIT      NATURAL MOISTURE CONTENT      LIQUID LIMIT			GR SA SI CL	
Continued	<b>SILTY CLAY:</b> trace sand, brown, moist, very stiff to very soft.(Continued)		1	TW										
11														
12			13	SS	0									
13														
13.3	<b>SILT:</b> trace to some clay, trace sand, dilatant, reddish brown, wet, compact.		14	SS	18									
14														
14.8	<b>SILTY CLAY:</b> trace sand, contains dilatant silt seams, grey, wet, very soft to stiff.		15	SS	0									
15														
16														
17			2	Vane					20 +31					
18														
19			17	SS	5									
20	trace gravel, trace limestone													

Continued Next Page

GROUNDWATER ELEVATIONS      GRAPH NOTES      +3, ×3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

Measurement      1st      2nd      3rd      4th



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers/HQ Core  
 Diameter: 203 mm/63mm  
 Date: Dec-18-2020 to Dec-18-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY SL  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (C <sub>u</sub> ) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)			
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)										WATER CONTENT (%)		
Continued	fragments, contains dilatant silt layers <b>SILTY CLAY:</b> trace sand, contains dilatant silt seams, grey, wet, very soft to stiff.(Continued)		18	SS	7												1	5	59	35
21			19	SS	12															
22																				
23																				
23.2	<b>SILT:</b> trace to some clay, trace sand, trace gravel, dilatant, reddish brown, wet, compact.																			
24			20	SS	26															
25																				
26																				
27																				
28	some gravel, trace shale fragments		21	SS	14															
29																				
29.3	<b>BEDROCK:</b> Coring began at 29.26m Refer to Rock Core Log		1	RC																
30																				

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 02/03/2021 10:00 AM 201-11602-00-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			SHEAR STRENGTH (kPa)						
						20 40 60 80 100 ○ UNCONFINED     + FIELD VANE & Sensitivity ● QUICK TRIAXIAL     × LAB VANE				W <sub>p</sub> W     W <sub>L</sub>		GR SA SI CL		
Continued	<b>BEDROCK:</b>													
	Coring began at 29.26m Refer to Rock Core Log(Continued)		2	RC										
31			3	RC										
32			4	RC										
33			5	RC										
34			6	RC										
35			7	RC										
36			8	RC										
37						Sand								
38						Screen								
39														
39.6	<b>END OF THE BOREHOLE</b>													
	Note: 1) 50 mm monitoring well was													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure



LOG OF BOREHOLE BH-08

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-18-2020 to Dec-18-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT					POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)				
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)					PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT							
	Continued																		
	installed upon completion, screened between 36.55m and 39.60m.																		
	Water Level measured in monitoring well: Date                      W.L.Depth (m)																		

WSP 02/03/2014 10:30:00 AM

**GROUNDWATER ELEVATIONS**  
 Measurement

**GRAPH NOTES** + 3, × 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
0.0	Ground Surface															
0.1	ASPHALT: 100mm GRANULAR FILL: sand and gravel, trace silt, trace clay, grey, moist, compact to dense,		1	SS	30											
0.8	FILL: crusher run limestone, contains silty sand pockets, grey, moist, compact to loose.		2	SS	19											
			3	SS	8											
			4	SS	10											
			5	SS	18											
			6	SS	8											
4.7	SILTY CLAY: trace sand, contains silt seams, grey, moist, very soft to stiff.		7	SS	4											
			8	SS	1											
			1	Vane												
			10	SS	4											
			1	TW												



LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40							60
Continued	<b>SILTY CLAY:</b> trace sand, contains silt seams, grey, moist, very soft to stiff. (Continued)		12	SS	10											0 5 (95)
11.7	<b>SILT:</b> trace clay, trace sand, dilatant, reddish brown, wet, firm to stiff.		13	SS	8											
13.3	<b>SILTY CLAY:</b> trace sand, trace gravel, contains dilatant silt seams and shale fragments, reddish brown, wet, stiff to firm.		14	SS	10											
			15	SS	4											5 8 (87)
			2	Vane												2,3 +56
			17	SS	8											0 4 58 38
19.9																

Continued Next Page

GROUNDWATER ELEVATIONS      GRAPH NOTES      + 3, × 3: Numbers refer to Sensitivity      ○ = 3% Strain at Failure

Measurement      1st      2nd      3rd      4th





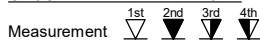
LOG OF BOREHOLE BH-09

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers/HQ Core
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm/63mm
DATUM: Geodetic	Date: Dec-09-2020 to Dec-10-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY SL
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)								
	Continued															
	<b>CLAYEY SILT TILL / SHALE COMPLEX:</b> sandy, trace gravel, contains shale/limestone fragments, grey, wet, hard.(Continued)		18	SS	54											
21	<b>BEDROCK:</b> Coring began at 21.34m Refer to Rock Core Log		1	RC												
22			2	RC												
23			3	RC												
24			4	RC												
25			5	RC												
26			6	RC												
27																
28																
29.3	<b>END OF BOREHOLE</b> Notes: 1) Borehole was sealed with bentonite and cement grouting. 2) TW denotes thin wall Shelby tube															

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3 , × 3 : Numbers refer to Sensitivity      ○ ● = 3% Strain at Failure

WSP 02-03-2020 14:30:00 201-11602-00





LOG OF BOREHOLE BH-10

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV DEPTH	DESCRIPTION	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40						
0.0	Ground Surface <b>TOPSOIL:</b> 200mm				Concrete									
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, greyish brown, moist, firm to very stiff.	1	SS	6	Sand									
1		2	SS	14										
1.7	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to firm.	3	SS	21										
	reddish brown	4	SS	19										
		5	SS	13	Holeplug									
		6	SS	11										1 5 54 40
	brownish grey	7	SS	9										
	grey, wet	8	SS	6										
		9	SS	5	Sand									
		1	Vane											
					Screen									
	contains reddish brown silt layers	11	SS	6										
9.8	<b>END OF THE BOREHOLE</b>													

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-10

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES				GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT W	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (C <sub>u</sub> ) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)
(m) ELEV. DEPTH	DESCRIPTION	STRATA PLOT NUMBER	TYPE	"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)				WATER CONTENT (%)								
Continued																	
	Note: 1) 50 mm monitoring well was installed upon completion, screened between 6.71m and 9.75m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)																

WSP CO. INC. 4400 SHEPPARD AVE. E. UNIT 101 SCAR. ONT. M1S 1T6

**GROUNDWATER ELEVATIONS**  
 Measurement   

**GRAPH NOTES**    + 3, × 3: Numbers refer to Sensitivity    ○ = 3% Strain at Failure



LOG OF BOREHOLE BH-11

PROJECT: Geotechnical Investigation	REF. NO.: 201-11602-00
CLIENT: Regional Municipality of Niagara	Method: Hollow Stem Augers
PROJECT LOCATION: Niagara Region Sanitary Sewer	Diameter: 203 mm
DATUM: Geodetic	Date: Dec-11-2020 to Dec-11-2020
BH LOCATION: See Borehole Location Plan	Equipment: Pontil Drilling CME 75 (Truck)
	ENCL NO.:
	ORIGINATED BY AKJ
	COMPILED BY BW
	CHECKED BY MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				PLASTIC LIMIT	NATURAL MOISTURE CONTENT	LIQUID LIMIT	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)		
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)									W <sub>p</sub>	W
0.0	Ground Surface																	
0.0	<b>TOPSOIL:</b> 150mm																	
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, brown, moist, firm to very stiff.		1	SS	7													
1.0			2	SS	27													
1.8	<b>SILTY CLAY:</b> trace sand, contains silt seams, brown, moist, very stiff to very soft.		3	SS	19													
	reddish brown		4	SS	14													
			5	SS	8													
			6	SS	8													
			7	SS	10													
			8	SS	6													
	grey		9	SS	2													
	wet																	
			1	Vane														
			11	SS	4													0 4 49 47
9.8	<b>END OF THE BOREHOLE</b>																	

Continued Next Page

GROUNDWATER ELEVATIONS

Measurement 1st 2nd 3rd 4th

GRAPH NOTES +3, x3: Numbers refer to Sensitivity ○ = 3% Strain at Failure





# LOG OF BOREHOLE BH-12A

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

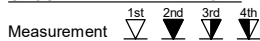
Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-10-2020 to Dec-10-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY: AKJ  
 COMPILED BY: BW  
 CHECKED BY: MK

SOIL PROFILE		SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT		PLASTIC LIMIT W <sub>p</sub>	NATURAL MOISTURE CONTENT w	LIQUID LIMIT W <sub>L</sub>	POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%) GR SA SI CL
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE			"N" BLOWS 0.3 m	SHEAR STRENGTH (kPa)						
0.0	Ground Surface <b>TOPSOIL:</b> 230mm													
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, greyish brown, moist, stiff.  100mm silty sand layers		1	SS	9									
			2	SS	11									
1.5	<b>SILTY CLAY:</b> trace sand, contains silt seams, reddish brown, moist, very stiff to very soft.  reddish brown to grey		3	SS	19									
	grey		4	SS	10									
	wet		5	SS	8									
			6	SS	5									
			1	Vane			1.4 +24							
	contains dilatant silt layers		8	SS	1									
			1	TW										
			10	SS	3									
	trace shale fragments		11	SS	2									1 6 55 38
9.8	<b>END OF THE BOREHOLE</b>													

Continued Next Page

GROUNDWATER ELEVATIONS



GRAPH NOTES

+ 3, × 3: Numbers refer to Sensitivity  
 ○ = 3% Strain at Failure

WSP 2020-08-24 10:30 AM 3030 BT GLE  
 WSP 2020-10-10 09:31 AM 3030 BT P-121







# LOG OF BOREHOLE BH-12B

PROJECT: Geotechnical Investigation  
 CLIENT: Regional Municipality of Niagara  
 PROJECT LOCATION: Niagara Region Sanitary Sewer  
 DATUM: Geodetic  
 BH LOCATION: See Borehole Location Plan

Method: Hollow Stem Augers  
 Diameter: 203 mm  
 Date: Dec-10-2020 to Dec-10-2020  
 Equipment: Pontil Drilling CME 75 (Truck)

REF. NO.: 201-11602-00  
 ENCL NO.:  
 ORIGINATED BY AKJ  
 COMPILED BY BW  
 CHECKED BY MK

SOIL PROFILE			SAMPLES			GROUND WATER CONDITIONS	ELEVATION	DYNAMIC CONE PENETRATION RESISTANCE PLOT				POCKET PEN. (Cu) (kPa)	NATURAL UNIT WT (kN/m <sup>3</sup> )	REMARKS AND GRAIN SIZE DISTRIBUTION (%)	
(m) ELEV DEPTH	DESCRIPTION	STRATA PLOT	NUMBER	TYPE	"N" BLOWS 0.3 m			20	40	60	80				100
0.0	Ground Surface														
0.0	<b>TOPSOIL:</b> 150mm														
0.2	<b>FILL:</b> silty clay, trace sand, trace gravel, trace organics, brownish grey, moist, stiff to very stiff.  300mm silty sand layers		1	SS	11							○			
1.0			2	SS	17							○			
1.3	<b>SILTY CLAY:</b> trace sand, contains silt seams, reddish brown, moist, very stiff to firm.		3	SS	17							○			
2.0			4	SS	13							○			
3.0	grey		5	SS	6							○			
4.0	wet		6	SS	6							○			
4.6	<b>END OF THE BOREHOLE</b> Note: 1) 50 mm monitoring well was installed upon completion, screened between 1.52m and 4.57m.  Water Level measured in monitoring well: Date                      W.L.Depth (m)														

GROUNDWATER ELEVATIONS  
 Measurement 1st 2nd 3rd 4th

GRAPH NOTES + 3 , × 3 : Numbers refer to Sensitivity ○ ● = 3% Strain at Failure

WSP 02/01/2021 10:30 AM 2021/12/10 10:30 AM

**APPENDIX B**  
**LABORATORY CERTIFICATES OF ANALYSES**

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 8-Dec-2020  
Order Date: 3-Dec-2020

**Order #: 2049378**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2049378-01	BH-03-3-C		
2049378-02	BH-03-6-D		
2049378-03	Dup AB		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	5-Dec-20	5-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	4-Dec-20	7-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	7-Dec-20	8-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	4-Dec-20	4-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	7-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	4-Dec-20	7-Dec-20
SAR	Calculated	4-Dec-20	7-Dec-20
Solids, %	Gravimetric, calculation	2-Dec-20	4-Dec-20

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## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Client PO:

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<b>Client ID:</b>	BH-03-3-C	BH-03-6-D	Dup AB	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	02-Dec-2020	02-Dec-2020	02-Dec-2020	-	
<b>Sample ID:</b>	2049378-01	2049378-02	2049378-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	79.1	79.2	79.6	-	
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**General Inorganics**

SAR	0.01 N/A	1.02	-	-	-	2.4	N/A
Conductivity	5 uS/cm	440	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.74	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	4.9	-	-	-	18	ug/g
Barium	1.0 ug/g	131	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	14.9	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	22.3	-	-	-	70	ug/g
Cobalt	1.0 ug/g	11.1	-	-	-	21	ug/g
Copper	5.0 ug/g	17.4	-	-	-	92	ug/g
Lead	1.0 ug/g	10.7	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	31.1	-	-	-	86	ug/g

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	MDL/Units	Client ID:	BH-03-3-C	BH-03-6-D	Dup AB	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	02-Dec-2020	02-Dec-2020	02-Dec-2020	-		
		Sample ID:	2049378-01	2049378-02	2049378-03	-		
		Matrix:	Soil	Soil	Soil	-		
Zinc	20.0 ug/g		50.6	-	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	<0.50	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g		-	<0.02	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g		-	<0.05	<0.05	-		
1,2-Dichloropropane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	<0.05	-		

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	MDL/Units	Client ID:	BH-03-3-C	BH-03-6-D	Dup AB	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	02-Dec-2020	02-Dec-2020	02-Dec-2020	-		
		Sample ID:	2049378-01	2049378-02	2049378-03	-		
		Matrix:	Soil	Soil	Soil	-		
trans-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	<0.05	-		
1,3-Dichloropropene, total	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Hexane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	<0.50	<0.50	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	<0.50	<0.50	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Styrene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	<0.05	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	<0.05	<0.05	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	<0.02	<0.02	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	<0.05	-		
o-Xylene	0.05 ug/g		-	<0.05	<0.05	-		
Xylenes, total	0.05 ug/g		-	<0.05	<0.05	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	116%	115%	-		
Dibromofluoromethane	Surrogate		-	99.6%	99.3%	-		
Toluene-d8	Surrogate		-	95.9%	96.0%	-		



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<b>Client ID:</b>	BH-03-3-C	BH-03-6-D	Dup AB	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	02-Dec-2020	02-Dec-2020	02-Dec-2020	-	
<b>Sample ID:</b>	2049378-01	2049378-02	2049378-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	<7	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	<4	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	<8	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	<6	-	120	ug/g

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Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						

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Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.98		ug/g		112	50-140			
Surrogate: Dibromofluoromethane	8.20		ug/g		102	50-140			
Surrogate: Toluene-d8	7.72		ug/g		95.8	50-140			

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Client: Wood Environment & Infrastructure (Thorold)

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Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.11	0.01	N/A	0.11			0.0	30	
Conductivity	118	5	uS/cm	121			2.4	5	
pH	7.64	0.05	pH Units	7.67			0.4	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	9.5	1.0	ug/g	ND			NC	30	
Arsenic	4.5	1.0	ug/g	4.2			6.1	30	
Barium	117	1.0	ug/g	121			3.5	30	
Beryllium	1.0	0.5	ug/g	1.0			3.5	30	
Boron	16.8	5.0	ug/g	15.2			10.1	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	28.0	5.0	ug/g	28.8			2.8	30	
Cobalt	12.5	1.0	ug/g	12.5			0.7	30	
Copper	21.2	5.0	ug/g	21.6			2.0	30	
Lead	9.8	1.0	ug/g	9.3			4.8	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	27.2	5.0	ug/g	28.8			5.9	30	
Selenium	1.2	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.1	1.0	ug/g	ND			NC	30	
Vanadium	38.3	10.0	ug/g	39.2			2.4	30	
Zinc	55.3	20.0	ug/g	60.8			9.5	30	
<b>Physical Characteristics</b>									
% Solids	80.8	0.1	% by Wt.	80.3			0.6	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

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Client: Wood Environment &amp; Infrastructure (Thorold)

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Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	8.50		ug/g		114	50-140			
Surrogate: Dibromofluoromethane	6.03		ug/g		80.8	50-140			
Surrogate: Toluene-d8	7.11		ug/g		95.3	50-140			

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Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	66	7	ug/g	ND	93.3	80-120			
F2 PHCs (C10-C16)	89	4	ug/g	ND	90.4	60-140			
F3 PHCs (C16-C34)	228	8	ug/g	ND	103	60-140			
F4 PHCs (C34-C50)	137	6	ug/g	ND	86.0	60-140			
<b>Metals</b>									
Antimony	128	1.0	ug/g	ND	102	70-130			
Arsenic	126	1.0	ug/g	4.2	97.5	70-130			
Barium	235	1.0	ug/g	121	91.1	70-130			
Beryllium	113	0.5	ug/g	1.0	89.7	70-130			
Boron	123	5.0	ug/g	15.2	86.6	70-130			
Cadmium	117	0.5	ug/g	ND	93.3	70-130			
Chromium	144	5.0	ug/g	28.8	91.9	70-130			
Cobalt	126	1.0	ug/g	12.5	90.7	70-130			
Copper	135	5.0	ug/g	21.6	90.8	70-130			
Lead	124	1.0	ug/g	9.3	91.7	70-130			
Molybdenum	118	1.0	ug/g	ND	94.5	70-130			
Nickel	142	5.0	ug/g	28.8	90.9	70-130			
Selenium	121	1.0	ug/g	ND	96.8	70-130			
Silver	109	0.3	ug/g	ND	87.0	70-130			
Thallium	115	1.0	ug/g	ND	92.2	70-130			
Uranium	118	1.0	ug/g	ND	94.3	70-130			
Vanadium	156	10.0	ug/g	39.2	93.6	70-130			
Zinc	173	20.0	ug/g	60.8	89.8	70-130			
<b>Volatiles</b>									
Acetone	16.8	0.50	ug/g	ND	86.1	50-140			
Benzene	6.70	0.02	ug/g	ND	83.7	60-130			
Bromodichloromethane	6.73	0.05	ug/g	ND	84.1	60-130			
Bromoform	7.07	0.05	ug/g	ND	88.4	60-130			
Bromomethane	7.13	0.05	ug/g	ND	88.7	50-140			
Carbon Tetrachloride	6.08	0.05	ug/g	ND	75.9	60-130			
Chlorobenzene	7.10	0.05	ug/g	ND	88.3	60-130			
Chloroform	6.97	0.05	ug/g	ND	86.7	60-130			
Dibromochloromethane	6.97	0.05	ug/g	ND	87.1	60-130			

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	6.69	0.05	ug/g	ND	83.2	50-140			
1,2-Dibromoethane	7.62	0.05	ug/g	ND	94.8	60-130			
1,2-Dichlorobenzene	8.59	0.05	ug/g	ND	107	60-130			
1,3-Dichlorobenzene	7.97	0.05	ug/g	ND	99.2	60-130			
1,4-Dichlorobenzene	7.02	0.05	ug/g	ND	87.3	60-130			
1,1-Dichloroethane	7.09	0.05	ug/g	ND	88.2	60-130			
1,2-Dichloroethane	6.73	0.05	ug/g	ND	83.7	60-130			
1,1-Dichloroethylene	6.22	0.05	ug/g	ND	77.4	60-130			
cis-1,2-Dichloroethylene	6.95	0.05	ug/g	ND	86.4	60-130			
trans-1,2-Dichloroethylene	7.03	0.05	ug/g	ND	87.5	60-130			
1,2-Dichloropropane	7.14	0.05	ug/g	ND	88.8	60-130			
cis-1,3-Dichloropropylene	7.18	0.05	ug/g	ND	89.3	60-130			
trans-1,3-Dichloropropylene	7.44	0.05	ug/g	ND	92.6	60-130			
Ethylbenzene	7.07	0.05	ug/g	ND	88.4	60-130			
Hexane	8.59	0.05	ug/g	ND	107	60-130			
Methyl Ethyl Ketone (2-Butanone)	16.4	0.50	ug/g	ND	80.1	50-140			
Methyl Isobutyl Ketone	16.9	0.50	ug/g	ND	86.5	50-140			
Methyl tert-butyl ether	15.0	0.05	ug/g	ND	74.9	50-140			
Methylene Chloride	6.46	0.05	ug/g	ND	80.8	60-130			
Styrene	7.00	0.05	ug/g	ND	87.0	60-130			
1,1,1,2-Tetrachloroethane	6.72	0.05	ug/g	ND	83.6	60-130			
1,1,2,2-Tetrachloroethane	6.63	0.05	ug/g	ND	82.5	60-130			
Tetrachloroethylene	8.53	0.05	ug/g	ND	106	60-130			
Toluene	6.75	0.05	ug/g	ND	84.4	60-130			
1,1,1-Trichloroethane	6.43	0.05	ug/g	ND	80.0	60-130			
1,1,2-Trichloroethane	7.89	0.05	ug/g	ND	98.1	60-130			
Trichloroethylene	7.16	0.05	ug/g	ND	89.1	60-130			
Trichlorofluoromethane	5.40	0.05	ug/g	ND	67.5	50-140			
Vinyl chloride	6.90	0.02	ug/g	ND	85.8	50-140			
m,p-Xylenes	12.8	0.05	ug/g	ND	80.0	60-130			
o-Xylene	6.61	0.05	ug/g	ND	82.2	60-130			
Surrogate: 4-Bromofluorobenzene	17.1		ug/g		106	50-140			
Surrogate: Dibromofluoromethane	16.4		ug/g		102	50-140			
Surrogate: Toluene-d8	14.5		ug/g		90.0	50-140			

Certificate of Analysis

Report Date: 08-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 3-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.





## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 10-Dec-2020  
Order Date: 4-Dec-2020

**Order #: 2050005**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050005-01	BH-05-2-D		
2050005-02	BH-05-3-C		
2050005-03	BH-05-4-D		
2050005-04	BH-05-5-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	8-Dec-20	9-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	9-Dec-20	9-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	9-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	7-Dec-20	8-Dec-20
SAR	Calculated	8-Dec-20	8-Dec-20
Solids, %	Gravimetric, calculation	7-Dec-20	8-Dec-20
Texture - Coarse Med/Fine	Based on ASTM D2487	8-Dec-20	10-Dec-20

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-05-2-D	SAR	0.01 N/A	6.90	<b>2.4</b> N/A
BH-05-2-D	Conductivity	5 uS/cm	2270	<b>0.57</b> mS/cm

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
	Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					

**Physical Characteristics**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	
% Solids	0.1 % by Wt.	87.6	80.0	83.4	-	
>75 um	0.1 %	-	-	-	8.6	
<75 um	0.1 %	-	-	-	91.4	
Texture	0.1 %	-	-	-	Med/Fine	

**General Inorganics**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria
SAR	0.01 N/A	6.90	-	-	-	2.4 N/A
Conductivity	5 uS/cm	2270	-	-	-	0.57 mS/cm
pH	0.05 pH Units	7.42	-	-	-	5 - 9 pH units

**Metals**

	MDL/Units	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria
Antimony	1.0 ug/g	-	<1.0	-	-	1.3 ug/g
Arsenic	1.0 ug/g	-	4.7	-	-	18 ug/g
Barium	1.0 ug/g	-	133	-	-	220 ug/g
Beryllium	0.5 ug/g	-	1.0	-	-	2.5 ug/g
Boron	5.0 ug/g	-	14.4	-	-	36 ug/g
Cadmium	0.5 ug/g	-	<0.5	-	-	1.2 ug/g
Chromium	5.0 ug/g	-	30.1	-	-	70 ug/g
Cobalt	1.0 ug/g	-	16.1	-	-	21 ug/g
Copper	5.0 ug/g	-	23.8	-	-	92 ug/g
Lead	1.0 ug/g	-	13.3	-	-	120 ug/g
Molybdenum	1.0 ug/g	-	<1.0	-	-	2 ug/g
Nickel	5.0 ug/g	-	35.8	-	-	82 ug/g
Selenium	1.0 ug/g	-	<1.0	-	-	1.5 ug/g
Silver	0.3 ug/g	-	<0.3	-	-	0.5 ug/g

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020		
		Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04		
		Matrix:	Soil	Soil	Soil	Soil		
Thallium	1.0 ug/g		-	<1.0	-	-	1	ug/g
Uranium	1.0 ug/g		-	1.1	-	-	2.5	ug/g
Vanadium	10.0 ug/g		-	39.9	-	-	86	ug/g
Zinc	20.0 ug/g		-	68.6	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g		-	-	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria:
		Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
		Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	Reg 153/04 (2011)-Table 1 Residential/Industrial
		Matrix:	Soil	Soil	Soil	Soil	
1,2-Dichloroethylene, total	0.05 ug/g		-	-	<0.05	-	
1,2-Dichloropropane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	-	<0.05	-	
trans-1,3-Dichloropropylene	0.05 ug/g		-	-	<0.05	-	
1,3-Dichloropropene, total	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Ethylbenzene	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Hexane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	-	<0.50	-	0.5 ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	-	<0.50	-	0.5 ug/g
Methyl tert-butyl ether	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Methylene Chloride	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Styrene	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Tetrachloroethylene	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Toluene	0.05 ug/g		-	-	<0.05	-	0.2 ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Trichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05 ug/g
Trichlorofluoromethane	0.05 ug/g		-	-	<0.05	-	0.25 ug/g
Vinyl chloride	0.02 ug/g		-	-	<0.02	-	0.02 ug/g
m,p-Xylenes	0.05 ug/g		-	-	<0.05	-	
o-Xylene	0.05 ug/g		-	-	<0.05	-	

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-05-2-D	BH-05-3-C	BH-05-4-D	BH-05-5-C	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	04-Dec-2020	04-Dec-2020	04-Dec-2020	04-Dec-2020	
	Sample ID:	2050005-01	2050005-02	2050005-03	2050005-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					
Xylenes, total	0.05 ug/g	-	-	<0.05	-	0.05 ug/g
4-Bromofluorobenzene	Surrogate	-	-	114%	-	
Dibromofluoromethane	Surrogate	-	-	92.3%	-	
Toluene-d8	Surrogate	-	-	97.0%	-	



Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.89		ug/g		111	50-140			
Surrogate: Dibromofluoromethane	8.02		ug/g		99.5	50-140			
Surrogate: Toluene-d8	7.73		ug/g		95.9	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 10-Dec-2020  
 Order Date: 4-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.07	0.01	N/A	0.08			13.3	30	
Conductivity	296	5	uS/cm	300			1.3	5	
pH	7.27	0.05	pH Units	7.19			1.1	10	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	3.8	1.0	ug/g	3.7			4.5	30	
Barium	65.1	1.0	ug/g	62.8			3.7	30	
Beryllium	0.6	0.5	ug/g	0.5			10.5	30	
Boron	11.1	5.0	ug/g	9.1			19.6	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.0	5.0	ug/g	18.8			1.1	30	
Cobalt	8.6	1.0	ug/g	8.4			2.4	30	
Copper	18.5	5.0	ug/g	18.4			0.5	30	
Lead	11.9	1.0	ug/g	12.8			7.2	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	20.6	5.0	ug/g	20.5			0.5	30	
Selenium	1.0	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.1	10.0	ug/g	23.8			1.1	30	
Zinc	48.8	20.0	ug/g	43.6			11.4	30	
<b>Physical Characteristics</b>									
% Solids	91.5	0.1	% by Wt.	91.2			0.3	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	10.5		ug/g		113	50-140			
Surrogate: Dibromofluoromethane	9.29		ug/g		99.0	50-140			
Surrogate: Toluene-d8	8.98		ug/g		95.7	50-140			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.8	70-130			
Arsenic	123	1.0	ug/g	3.7	95.8	70-130			
Barium	182	1.0	ug/g	62.8	95.6	70-130			
Beryllium	111	0.5	ug/g	0.5	88.2	70-130			
Boron	112	5.0	ug/g	9.1	82.0	70-130			
Cadmium	114	0.5	ug/g	ND	90.9	70-130			
Chromium	126	5.0	ug/g	18.8	86.0	70-130			
Cobalt	115	1.0	ug/g	8.4	85.1	70-130			
Copper	128	5.0	ug/g	18.4	87.9	70-130			
Lead	126	1.0	ug/g	12.8	90.7	70-130			
Molybdenum	114	1.0	ug/g	ND	91.2	70-130			
Nickel	132	5.0	ug/g	20.5	89.6	70-130			
Selenium	114	1.0	ug/g	ND	91.6	70-130			
Silver	111	0.3	ug/g	ND	89.0	70-130			
Thallium	113	1.0	ug/g	ND	90.7	70-130			
Uranium	115	1.0	ug/g	ND	92.0	70-130			
Vanadium	134	10.0	ug/g	23.8	88.3	70-130			
Zinc	157	20.0	ug/g	43.6	90.7	70-130			
<b>Volatiles</b>									
Acetone	14.7	0.50	ug/g	ND	75.2	50-140			
Benzene	6.90	0.02	ug/g	ND	86.2	60-130			
Bromodichloromethane	6.83	0.05	ug/g	ND	85.4	60-130			
Bromoform	7.34	0.05	ug/g	ND	91.8	60-130			
Bromomethane	7.80	0.05	ug/g	ND	97.0	50-140			
Carbon Tetrachloride	6.69	0.05	ug/g	ND	83.7	60-130			
Chlorobenzene	7.40	0.05	ug/g	ND	92.1	60-130			
Chloroform	7.27	0.05	ug/g	ND	90.5	60-130			
Dibromochloromethane	7.78	0.05	ug/g	ND	97.2	60-130			
Dichlorodifluoromethane	8.81	0.05	ug/g	ND	110	50-140			
1,2-Dibromoethane	7.58	0.05	ug/g	ND	94.3	60-130			
1,2-Dichlorobenzene	8.93	0.05	ug/g	ND	111	60-130			
1,3-Dichlorobenzene	8.26	0.05	ug/g	ND	103	60-130			
1,4-Dichlorobenzene	7.33	0.05	ug/g	ND	91.2	60-130			
1,1-Dichloroethane	7.30	0.05	ug/g	ND	90.8	60-130			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloroethane	6.72	0.05	ug/g	ND	83.5	60-130			
1,1-Dichloroethylene	6.78	0.05	ug/g	ND	84.4	60-130			
cis-1,2-Dichloroethylene	7.46	0.05	ug/g	ND	92.7	60-130			
trans-1,2-Dichloroethylene	7.56	0.05	ug/g	ND	94.0	60-130			
1,2-Dichloropropane	7.33	0.05	ug/g	ND	91.1	60-130			
cis-1,3-Dichloropropylene	7.34	0.05	ug/g	ND	91.3	60-130			
trans-1,3-Dichloropropylene	7.45	0.05	ug/g	ND	92.7	60-130			
Ethylbenzene	7.29	0.05	ug/g	ND	91.1	60-130			
Hexane	8.88	0.05	ug/g	ND	111	60-130			
Methyl Ethyl Ketone (2-Butanone)	14.8	0.50	ug/g	ND	72.2	50-140			
Methyl Isobutyl Ketone	16.9	0.50	ug/g	ND	86.7	50-140			
Methyl tert-butyl ether	16.4	0.05	ug/g	ND	82.1	50-140			
Methylene Chloride	6.57	0.05	ug/g	ND	82.1	60-130			
Styrene	7.04	0.05	ug/g	ND	87.5	60-130			
1,1,1,2-Tetrachloroethane	6.73	0.05	ug/g	ND	83.7	60-130			
1,1,2,2-Tetrachloroethane	6.09	0.05	ug/g	ND	75.8	60-130			
Tetrachloroethylene	9.03	0.05	ug/g	ND	112	60-130			
Toluene	7.08	0.05	ug/g	ND	88.5	60-130			
1,1,1-Trichloroethane	6.91	0.05	ug/g	ND	86.0	60-130			
1,1,2-Trichloroethane	7.98	0.05	ug/g	ND	99.2	60-130			
Trichloroethylene	7.44	0.05	ug/g	ND	92.6	60-130			
Trichlorofluoromethane	7.91	0.05	ug/g	ND	98.9	50-140			
Vinyl chloride	8.63	0.02	ug/g	ND	107	50-140			
m,p-Xylenes	13.1	0.05	ug/g	ND	82.0	60-130			
o-Xylene	6.78	0.05	ug/g	ND	84.4	60-130			
Surrogate: 4-Bromofluorobenzene	16.9		ug/g		106	50-140			
Surrogate: Dibromofluoromethane	16.2		ug/g		100	50-140			
Surrogate: Toluene-d8	14.4		ug/g		89.6	50-140			

Certificate of Analysis

Report Date: 10-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 4-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

Sample Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2050005



1.800.448.36.com

Parcel Order Number (Lab Use Only)

2050005

Chain Of Custody (Lab Use Only)

Client Name: Wood
Contact Name: Kelly Patterson
Address: 110 James Street, St. Catharines, ON L2R 7E8
Telephone: 905-687-6616

Project Ref: OESAM2008/2000
Quote #: 20-513
PO #:
E-mail: kelly.patterson@woodplc.com

Page 1 of 1
Turnaround Time
1 day, 2 day, 3 day, Regular
Date Required:

Regulation 153/04
Other Regulation
Table 1, 2, 3, Table
For RSC: Yes, No

Matrix Type: S (Soil/Sed.) GW (Ground Water)
SW (Surface Water) SS (Storm/Sanitary Sewer)
P (Paint) A (Air) O (Other)

Required Analysis

Table with 10 rows and 15 columns. Columns include Sample ID/Location Name, Matrix, Air Volume, # of Containers, Date, Time, ICP Metals, pH, EC, SAR, Wash Pass 75 um, VOCs, and 7 empty columns. Rows 1-4 contain sample data with checkmarks in the ICP Metals and Wash Pass 75 um columns.

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.

Method of Delivery: Drop-off

Relinquished By (Sign): braedan.huras
Relinquished By (Print): Braedan Huras
Date/Time: December 4, 2020 @ 10:40

Received by Driver/Depot:
Date/Time: Dec 4 2020 10:45am
Temperature: 7°C

Received at Lab:
Date/Time: 7-Dec-20 8:30
Temperature: 9.7

Verified By:
Date/Time: 7-Dec-20 8:30
pH Verified: By:



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 11-Dec-2020  
Order Date: 8-Dec-2020

**Order #: 2050129**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050129-01	BH-04-3-C		
2050129-02	BH-04-5-D		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	10-Dec-20	10-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	8-Dec-20	9-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	9-Dec-20	10-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	9-Dec-20	9-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	7-Dec-20	9-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	8-Dec-20	9-Dec-20
SAR	Calculated	10-Dec-20	10-Dec-20
Solids, %	Gravimetric, calculation	9-Dec-20	9-Dec-20

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-04-3-C	Conductivity	5 uS/cm	1360	0.57 mS/cm

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-04-3-C	BH-04-5-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	07-Dec-2020	07-Dec-2020	-	-	
<b>Sample ID:</b>	2050129-01	2050129-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	81.0	80.4	-	-		
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**General Inorganics**

SAR	0.01 N/A	2.02	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1360	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.63	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	6.0	-	-	-	18	ug/g
Barium	1.0 ug/g	82.3	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	10.0	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	21.1	-	-	-	70	ug/g
Cobalt	1.0 ug/g	10.8	-	-	-	21	ug/g
Copper	5.0 ug/g	25.0	-	-	-	92	ug/g
Lead	1.0 ug/g	9.5	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.6	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	30.2	-	-	-	86	ug/g

## Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-04-3-C	BH-04-5-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	07-Dec-2020	07-Dec-2020	-	-		
		Sample ID:	2050129-01	2050129-02	-	-		
		Matrix:	Soil	Soil	-	-		
Zinc	20.0 ug/g		50.8	-	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g		-	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 11-Dec-2020  
Order Date: 8-Dec-2020

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-04-3-C	BH-04-5-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	07-Dec-2020	07-Dec-2020	-	-		
		Sample ID:	2050129-01	2050129-02	-	-		
		Matrix:	Soil	Soil	-	-		
trans-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		
1,3-Dichloropropene, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Hexane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Styrene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	<0.05	-	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	100%	-	-		
Dibromofluoromethane	Surrogate		-	88.5%	-	-		
Toluene-d8	Surrogate		-	98.1%	-	-		

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-04-3-C	BH-04-5-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	07-Dec-2020	07-Dec-2020	-	-	
<b>Sample ID:</b>	2050129-01	2050129-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	-	-	120	ug/g

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 11-Dec-2020  
 Order Date: 8-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						



Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.11		ug/g		101	50-140			
Surrogate: Dibromofluoromethane	7.10		ug/g		88.2	50-140			
Surrogate: Toluene-d8	8.51		ug/g		106	50-140			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.10	0.01	N/A	0.11			9.5	30	
Conductivity	223	5	uS/cm	216			3.2	5	
pH	7.27	0.05	pH Units	7.19			1.1	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	56			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	3.8	1.0	ug/g	3.7			4.5	30	
Barium	65.1	1.0	ug/g	62.8			3.7	30	
Beryllium	0.6	0.5	ug/g	0.5			10.5	30	
Boron	11.1	5.0	ug/g	9.1			19.6	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.0	5.0	ug/g	18.8			1.1	30	
Cobalt	8.6	1.0	ug/g	8.4			2.4	30	
Copper	18.5	5.0	ug/g	18.4			0.5	30	
Lead	11.9	1.0	ug/g	12.8			7.2	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	20.6	5.0	ug/g	20.5			0.5	30	
Selenium	1.0	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.1	10.0	ug/g	23.8			1.1	30	
Zinc	48.8	20.0	ug/g	43.6			11.4	30	
<b>Physical Characteristics</b>									
% Solids	84.9	0.1	% by Wt.	87.1			2.5	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	6.66		ug/g		97.1	50-140			
Surrogate: Dibromofluoromethane	6.14		ug/g		89.1	50-140			
Surrogate: Toluene-d8	6.68		ug/g		97.0	50-140			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	84	7	ug/g	ND	118	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	81.7	60-140			
F3 PHCs (C16-C34)	242	8	ug/g	56	85.2	60-140			
F4 PHCs (C34-C50)	144	6	ug/g	ND	91.8	60-140			
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.8	70-130			
Arsenic	123	1.0	ug/g	3.7	95.8	70-130			
Barium	182	1.0	ug/g	62.8	95.6	70-130			
Beryllium	111	0.5	ug/g	0.5	88.2	70-130			
Boron	112	5.0	ug/g	9.1	82.0	70-130			
Cadmium	114	0.5	ug/g	ND	90.9	70-130			
Chromium	126	5.0	ug/g	18.8	86.0	70-130			
Cobalt	115	1.0	ug/g	8.4	85.1	70-130			
Copper	128	5.0	ug/g	18.4	87.9	70-130			
Lead	126	1.0	ug/g	12.8	90.7	70-130			
Molybdenum	114	1.0	ug/g	ND	91.2	70-130			
Nickel	132	5.0	ug/g	20.5	89.6	70-130			
Selenium	114	1.0	ug/g	ND	91.6	70-130			
Silver	111	0.3	ug/g	ND	89.0	70-130			
Thallium	113	1.0	ug/g	ND	90.7	70-130			
Uranium	115	1.0	ug/g	ND	92.0	70-130			
Vanadium	134	10.0	ug/g	23.8	88.3	70-130			
Zinc	157	20.0	ug/g	43.6	90.7	70-130			
<b>Volatiles</b>									
Acetone	26.6	0.50	ug/g	ND	136	50-140			
Benzene	9.30	0.02	ug/g	ND	116	60-130			
Bromodichloromethane	9.31	0.05	ug/g	ND	116	60-130			
Bromoform	8.72	0.05	ug/g	ND	109	60-130			
Bromomethane	9.09	0.05	ug/g	ND	113	50-140			
Carbon Tetrachloride	8.48	0.05	ug/g	ND	106	60-130			
Chlorobenzene	8.73	0.05	ug/g	ND	109	60-130			
Chloroform	9.19	0.05	ug/g	ND	114	60-130			
Dibromochloromethane	9.05	0.05	ug/g	ND	113	60-130			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	8.04	0.05	ug/g	ND	100	50-140			
1,2-Dibromoethane	9.69	0.05	ug/g	ND	120	60-130			
1,2-Dichlorobenzene	8.75	0.05	ug/g	ND	109	60-130			
1,3-Dichlorobenzene	8.94	0.05	ug/g	ND	111	60-130			
1,4-Dichlorobenzene	8.26	0.05	ug/g	ND	103	60-130			
1,1-Dichloroethane	9.75	0.05	ug/g	ND	121	60-130			
1,2-Dichloroethane	9.99	0.05	ug/g	ND	124	60-130			
1,1-Dichloroethylene	8.80	0.05	ug/g	ND	109	60-130			
cis-1,2-Dichloroethylene	9.51	0.05	ug/g	ND	118	60-130			
trans-1,2-Dichloroethylene	10.1	0.05	ug/g	ND	125	60-130			
1,2-Dichloropropane	9.11	0.05	ug/g	ND	113	60-130			
cis-1,3-Dichloropropylene	8.92	0.05	ug/g	ND	111	60-130			
trans-1,3-Dichloropropylene	9.09	0.05	ug/g	ND	113	60-130			
Ethylbenzene	10.1	0.05	ug/g	ND	127	60-130			
Hexane	7.70	0.05	ug/g	ND	96.3	60-130			
Methyl Ethyl Ketone (2-Butanone)	25.6	0.50	ug/g	ND	125	50-140			
Methyl Isobutyl Ketone	25.6	0.50	ug/g	ND	131	50-140			
Methyl tert-butyl ether	24.9	0.05	ug/g	ND	124	50-140			
Methylene Chloride	10.1	0.05	ug/g	ND	126	60-130			
Styrene	10.1	0.05	ug/g	ND	126	60-130			
1,1,1,2-Tetrachloroethane	8.77	0.05	ug/g	ND	109	60-130			
1,1,2,2-Tetrachloroethane	9.94	0.05	ug/g	ND	124	60-130			
Tetrachloroethylene	9.59	0.05	ug/g	ND	119	60-130			
Toluene	9.50	0.05	ug/g	ND	119	60-130			
1,1,1-Trichloroethane	8.90	0.05	ug/g	ND	111	60-130			
1,1,2-Trichloroethane	9.84	0.05	ug/g	ND	122	60-130			
Trichloroethylene	9.47	0.05	ug/g	ND	118	60-130			
Trichlorofluoromethane	6.82	0.05	ug/g	ND	85.3	50-140			
Vinyl chloride	8.32	0.02	ug/g	ND	103	50-140			
m,p-Xylenes	20.1	0.05	ug/g	ND	126	60-130			
o-Xylene	9.99	0.05	ug/g	ND	124	60-130			
Surrogate: 4-Bromofluorobenzene	15.7		ug/g		97.5	50-140			
Surrogate: Dibromofluoromethane	17.4		ug/g		108	50-140			
Surrogate: Toluene-d8	16.1		ug/g		100	50-140			

Certificate of Analysis

Report Date: 11-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 8-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



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Parcel Order Number (Lab Use Only) <b>2050129</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 905-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																	
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	pH	EC	SAR	Wash Pass 75 um	PHC (F1-F4)	VOCs							
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time														
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																			
Table _____			Mun: _____	Other: _____																			
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																							
Sample ID/Location Name																							
1	BH-04-2-D	S		2	Dec. 7, 2020	14:30																	
2	BH-04-3-C	S		1	Dec. 7, 2020	14:35	✓	✓	✓	✓													
3	BH-04-4-C	S		1	Dec. 7, 2020	14:40																	
4	BH-04-5-D	S		2	Dec. 7, 2020	14:45								✓	✓								
5																							
6																							
7																							
8																							
9																							
10																							

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop-off</b>	
Relinquished By (Sign): <b>braedan.huras</b> <small>Digitally signed by braedan.huras Date: 2020.12.08 09:10:20 +05'00'</small>	Received By Driver/Depot:	Received at Lab: <b>AOB</b>	Verified By: <b>AOB</b>
Relinquished By (Print): <b>Braedan Huras</b>	Date/Time:	Date/Time: <b>8-Dec-20 8:30</b>	Date/Time: <b>8-Dec-20 8:30</b>
Date/Time: <b>December 7, 2020 @ 15:10</b>	Temperature: _____ °C	Temperature: <b>9.1</b>	pH Verified: <input type="checkbox"/> By: _____

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 16-Dec-2020  
Order Date: 10-Dec-2020

**Order #: 2050381**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050381-01	BH-09-6-C		
2050381-02	BH-09-7-D		

Approved By:



Alex Enfield, MSc  
Lab Manager



Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 8260 - P&T GC-MS	10-Dec-20	14-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	10-Dec-20	14-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	15-Dec-20	16-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	11-Dec-20	11-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	10-Dec-20	11-Dec-20
Solids, %	Gravimetric, calculation	10-Dec-20	11-Dec-20

Certificate of Analysis

Report Date: 16-Dec-2020

**Client: Wood Environment & Infrastructure (Thorold)**

Order Date: 10-Dec-2020

**Client PO:**
**Project Description: OESAM2008/2000**

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-09-6-C	BH-09-7-D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	09-Dec-2020	09-Dec-2020	-	-	
<b>Sample ID:</b>	2050381-01	2050381-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	91.8	79.8	-	-
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**General Inorganics**

pH	0.05 pH Units	7.71	-	-	-	5 - 9	pH units
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**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	5.1	-	-	-	18	ug/g
Barium	1.0 ug/g	95.3	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.5	-	-	-	2.5	ug/g
Boron	5.0 ug/g	16.7	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	17.3	-	-	-	70	ug/g
Cobalt	1.0 ug/g	7.7	-	-	-	21	ug/g
Copper	5.0 ug/g	14.7	-	-	-	92	ug/g
Lead	1.0 ug/g	12.7	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	1.2	-	-	-	2	ug/g
Nickel	5.0 ug/g	18.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	20.8	-	-	-	86	ug/g
Zinc	20.0 ug/g	49.6	-	-	-	290	ug/g

**Volatiles**

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-09-6-C	BH-09-7-D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	09-Dec-2020	09-Dec-2020	-	-		
		Sample ID:	2050381-01	2050381-02	-	-		
		Matrix:	Soil	Soil	-	-		
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene-d8	Surrogate		-	104%	-	-		
<b>Hydrocarbons</b>								
F1 PHCs (C6-C10)	7 ug/g		-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g		-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g		-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g		-	<6	-	-	120	ug/g

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: Toluene-d8	8.20		ug/g		102	50-140			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 16-Dec-2020  
Order Date: 10-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
pH	7.26	0.05	pH Units	7.29			0.4	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	4.6	1.0	ug/g	ND			NC	30	
Arsenic	5.2	1.0	ug/g	5.0			4.5	30	
Barium	62.0	1.0	ug/g	59.4			4.4	30	
Beryllium	0.6	0.5	ug/g	0.5			18.0	30	
Boron	12.9	5.0	ug/g	8.0			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	15.8	5.0	ug/g	15.2			3.8	30	
Cobalt	5.7	1.0	ug/g	5.3			7.3	30	
Copper	16.7	5.0	ug/g	16.1			3.3	30	
Lead	12.4	1.0	ug/g	12.1			1.8	30	
Molybdenum	1.8	1.0	ug/g	1.5			17.3	30	
Nickel	13.5	5.0	ug/g	13.2			2.6	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.4	1.0	ug/g	1.2			15.4	30	
Vanadium	26.3	10.0	ug/g	25.0			5.4	30	
Zinc	50.6	20.0	ug/g	48.8			3.5	30	
<b>Physical Characteristics</b>									
% Solids	85.4	0.1	% by Wt.	88.4			3.5	25	
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: Toluene-d8	6.20		ug/g		103	50-140			

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	77	7	ug/g	ND	108	80-120			
F2 PHCs (C10-C16)	83	4	ug/g	ND	82.7	60-140			
F3 PHCs (C16-C34)	217	8	ug/g	ND	96.3	60-140			
F4 PHCs (C34-C50)	150	6	ug/g	ND	92.3	60-140			
<b>Metals</b>									
Antimony	120	1.0	ug/g	ND	95.7	70-130			
Arsenic	128	1.0	ug/g	5.0	98.2	70-130			
Barium	178	1.0	ug/g	59.4	94.6	70-130			
Beryllium	118	0.5	ug/g	0.5	93.9	70-130			
Boron	119	5.0	ug/g	8.0	88.8	70-130			
Cadmium	115	0.5	ug/g	ND	91.7	70-130			
Chromium	129	5.0	ug/g	15.2	91.1	70-130			
Cobalt	118	1.0	ug/g	5.3	90.2	70-130			
Copper	130	5.0	ug/g	16.1	91.0	70-130			
Lead	127	1.0	ug/g	12.1	92.1	70-130			
Molybdenum	116	1.0	ug/g	1.5	91.2	70-130			
Nickel	126	5.0	ug/g	13.2	90.6	70-130			
Selenium	119	1.0	ug/g	ND	95.4	70-130			
Silver	102	0.3	ug/g	ND	81.6	70-130			
Thallium	114	1.0	ug/g	ND	91.4	70-130			
Uranium	116	1.0	ug/g	1.2	92.2	70-130			
Vanadium	140	10.0	ug/g	25.0	91.8	70-130			
Zinc	166	20.0	ug/g	48.8	93.5	70-130			
<b>Volatiles</b>									
Benzene	7.58	0.02	ug/g	ND	94.8	60-130			
Ethylbenzene	7.31	0.05	ug/g	ND	91.3	60-130			
Toluene	7.65	0.05	ug/g	ND	95.6	60-130			
m,p-Xylenes	14.3	0.05	ug/g	ND	89.6	60-130			
o-Xylene	7.26	0.05	ug/g	ND	90.3	60-130			
Surrogate: Toluene-d8	16.0		ug/g		99.4	50-140			

Certificate of Analysis

Report Date: 16-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 10-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

QC Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.





Parcel ID: 2050381



Parcel ID: 2050381  
K1G 4J8  
47  
paracel.com

Parcel Order Number (Lab Use Only) <b>2050381</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>1</u> of <u>1</u>
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #: E-mail: kelly.patterson@woodplc.com	
Telephone: 906-687-6616	Date Required: _____	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
<input type="checkbox"/> Table _____	For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____ <input type="checkbox"/> Other: _____																						
1	BH-09-6-C		S				1	Dec. 9/20	11:05	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	BH-09-7-D		S				2	Dec. 9/20	11:15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10										<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop-Box</b>	
Relinquished By (Sign): <b>kelly.patterson</b> <small>Digitally signed by kelly.patterson Date: 2020.12.10 08:55:59 -05'00'</small>	Received By Driver/Depot:	Received at Lab: <b>ACB</b>	Verified By: <b>ACB</b>
Relinquished By (Print):	Date/Time:	Date/Time: <b>14-Dec-20 8:30</b>	Date/Time: <b>16-Dec-20 8:30</b>
Date/Time: Dec. 9/20 @ 11:45am	Temperature: °C	Temperature: <b>7.3</b>	pH Verified: <input type="checkbox"/> By:

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 17-Dec-2020  
Order Date: 11-Dec-2020

**Order #: 2050505**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2050505-01	BH-PO1-1-C		
2050505-02	BH-PO1-2-D		
2050505-03	BH-PO1-3-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
BTEX by P&T GC-MS	EPA 8260 - P&T GC-MS	14-Dec-20	15-Dec-20
Conductivity	MOE E3138 - probe @25 °C, water ext	12-Dec-20	12-Dec-20
PCBs, total	SW846 8082A - GC-ECD	14-Dec-20	15-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	14-Dec-20	15-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	16-Dec-20	16-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	15-Dec-20	15-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	16-Dec-20	16-Dec-20
SAR	Calculated	14-Dec-20	14-Dec-20
Solids, %	Gravimetric, calculation	11-Dec-20	14-Dec-20

Certificate of Analysis  
**Client: Wood Environment & Infrastructure (Thorold)**  
**Client PO:**

Report Date: 17-Dec-2020  
 Order Date: 11-Dec-2020  
**Project Description: OESAM2008/2000**

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-PO1-1-C	Conductivity	5 uS/cm	1650	<b>0.57</b> mS/cm

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-PO1-1-C	BH-PO1-2-D	BH-PO1-3-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	10-Dec-2020	10-Dec-2020	10-Dec-2020	-	
<b>Sample ID:</b>	2050505-01	2050505-02	2050505-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	93.0	82.8	81.5	-	
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**General Inorganics**

SAR	0.01 N/A	0.58	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1650	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.53	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	-	-	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	-	-	5.4	-	18	ug/g
Barium	1.0 ug/g	-	-	104	-	220	ug/g
Beryllium	0.5 ug/g	-	-	0.9	-	2.5	ug/g
Boron	5.0 ug/g	-	-	13.3	-	36	ug/g
Cadmium	0.5 ug/g	-	-	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	-	-	27.3	-	70	ug/g
Cobalt	1.0 ug/g	-	-	13.4	-	21	ug/g
Copper	5.0 ug/g	-	-	23.0	-	92	ug/g
Lead	1.0 ug/g	-	-	11.4	-	120	ug/g
Molybdenum	1.0 ug/g	-	-	<1.0	-	2	ug/g
Nickel	5.0 ug/g	-	-	30.4	-	82	ug/g
Selenium	1.0 ug/g	-	-	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	-	-	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	-	-	<1.0	-	1	ug/g
Uranium	1.0 ug/g	-	-	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	-	-	36.3	-	86	ug/g

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-PO1-1-C	BH-PO1-2-D	BH-PO1-3-C	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample Date:	10-Dec-2020	10-Dec-2020	10-Dec-2020	-		
	Sample ID:	2050505-01	2050505-02	2050505-03	-		
	Matrix:	Soil	Soil	Soil	-		
	MDL/Units						
Zinc	20.0 ug/g	-	-	63.7	-	290	ug/g
<b>Volatiles</b>							
Benzene	0.02 ug/g	-	<0.02	-	-	0.02	ug/g
Ethylbenzene	0.05 ug/g	-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g	-	<0.05	-	-	0.2	ug/g
m,p-Xylenes	0.05 ug/g	-	<0.05	-	-		
o-Xylene	0.05 ug/g	-	<0.05	-	-		
Xylenes, total	0.05 ug/g	-	<0.05	-	-	0.05	ug/g
Toluene-d8	Surrogate	-	99.1%	-	-		
<b>Hydrocarbons</b>							
F1 PHCs (C6-C10)	7 ug/g	-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	9	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	-	-	120	ug/g
<b>PCBs</b>							
PCBs, total	0.05 ug/g	<0.05	-	-	-	0.3	ug/g
Decachlorobiphenyl	Surrogate	111%	-	-	-		

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 17-Dec-2020  
Order Date: 11-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	ND	0.01	N/A						
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g						
Surrogate: Decachlorobiphenyl	0.104		ug/g		104	60-140			
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: Toluene-d8	7.92		ug/g		99.0	50-140			

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	1.68	0.01	N/A	1.66			1.2	30	
Conductivity	229	5	uS/cm	225			1.8	5	
pH	7.61	0.05	pH Units	7.60			0.1	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	36	8	ug/g	33			9.2	30	
F4 PHCs (C34-C50)	66	6	ug/g	76			14.2	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	1.3	1.0	ug/g	1.1			11.2	30	
Barium	14.6	1.0	ug/g	14.0			3.7	30	
Beryllium	ND	0.5	ug/g	ND			NC	30	
Boron	ND	5.0	ug/g	ND			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	6.1	5.0	ug/g	6.1			0.6	30	
Cobalt	1.7	1.0	ug/g	1.6			5.7	30	
Copper	ND	5.0	ug/g	ND			NC	30	
Lead	3.7	1.0	ug/g	3.9			4.9	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	ND	5.0	ug/g	ND			NC	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	14.4	10.0	ug/g	14.5			0.1	30	
Zinc	ND	20.0	ug/g	ND			NC	30	
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g	ND			NC	40	
Surrogate: Decachlorobiphenyl	0.131		ug/g		122	60-140			
<b>Physical Characteristics</b>									
% Solids	90.0	0.1	% by Wt.	90.2			0.2	25	
<b>Volatiles</b>									
Benzene	ND	0.02	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	



Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<i>Surrogate: Toluene-d8</i>	6.74		ug/g		99.1	50-140			

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	62	7	ug/g	ND	87.0	80-120			
F2 PHCs (C10-C16)	106	4	ug/g	ND	106	60-140			
F3 PHCs (C16-C34)	248	8	ug/g	33	95.9	60-140			
F4 PHCs (C34-C50)	228	6	ug/g	76	94.2	60-140			
<b>Metals</b>									
Antimony	126	1.0	ug/g	ND	101	70-130			
Arsenic	128	1.0	ug/g	1.1	102	70-130			
Barium	138	1.0	ug/g	14.0	99.3	70-130			
Beryllium	123	0.5	ug/g	ND	98.1	70-130			
Boron	119	5.0	ug/g	ND	95.2	70-130			
Cadmium	121	0.5	ug/g	ND	97.0	70-130			
Chromium	127	5.0	ug/g	6.1	97.1	70-130			
Cobalt	122	1.0	ug/g	1.6	96.2	70-130			
Copper	122	5.0	ug/g	ND	97.9	70-130			
Lead	125	1.0	ug/g	3.9	96.7	70-130			
Molybdenum	123	1.0	ug/g	ND	98.5	70-130			
Nickel	125	5.0	ug/g	ND	100	70-130			
Selenium	123	1.0	ug/g	ND	98.6	70-130			
Silver	119	0.3	ug/g	ND	95.2	70-130			
Thallium	121	1.0	ug/g	ND	96.9	70-130			
Uranium	122	1.0	ug/g	ND	97.7	70-130			
Vanadium	137	10.0	ug/g	14.5	98.1	70-130			
Zinc	132	20.0	ug/g	ND	105	70-130			
<b>PCBs</b>									
PCBs, total	0.389	0.05	ug/g	ND	90.3	60-140			
Surrogate: Decachlorobiphenyl	0.118		ug/g		110	60-140			
<b>Volatiles</b>									
Benzene	8.96	0.02	ug/g	ND	112	60-130			
Ethylbenzene	8.61	0.05	ug/g	ND	108	60-130			
Toluene	8.75	0.05	ug/g	ND	109	60-130			
m,p-Xylenes	17.2	0.05	ug/g	ND	107	60-130			
o-Xylene	8.60	0.05	ug/g	ND	107	60-130			
Surrogate: Toluene-d8	15.9		ug/g		99.2	50-140			

Certificate of Analysis

Report Date: 17-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 11-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



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Parcel Order Number (Lab Use Only) <b>2050505</b>	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>1</u> of <u>2</u>
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
Date Required: _____		

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)			Required Analysis																
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken Date      Time		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs	PCBs					
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																			
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																			
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																			
Sample ID/Location Name																							
1	BH-P01-1-C	S		1	Dec. 10/20	8:40																	
2	BH-P01-2-D	S		2	Dec. 10/20	8:45																	
3	BH-P01-3-D	S		2	Dec. 10/20	8:50																	
4	BH-P01-3-C	S		1	Dec. 10/20	8:50																	
5	BH-P01-4-D	S		2	Dec. 10/20	8:55																	
6	BH-P01-4-C	S		1	Dec. 10/20	8:55																	
7	BH-P01-5-C	S		1	Dec. 10/20	9:05																	
8	BH-P01-6-D	S		2	Dec. 10/20	9:10																	
9	BH-P01-6-C	S		1	Dec. 10/20	9:10																	
10	BH-P01-7-D	S		2	Dec. 10/20	9:15																	

Comments: Governed by the T/C of SNA07-003.  
Please hold remaining samples for potential future analysis.

Relinquished By (Sign): <b>kelly.patterson</b> <small>Digitally signed by kelly.patterson Date: 2020.12.10 15:33:34 +0500</small>	Received By Driver/Depot:	Received at Lab: <b>AEB</b>	Method of Delivery: <b>Drop Box</b>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <b>11-Dec-20 5:30</b>	Verified By: <b>AEB</b>
Date/Time: Dec. 10/20 @ 11:15am	Temperature: °C	Temperature: <b>6.9</b>	Date/Time: <b>11-Dec-20</b>
		pH Verified: <input type="checkbox"/>	By:



Parcel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page <u>2</u> of <u>2</u>
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, Suite 301 St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
Table _____			Mun: _____																						
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Other: _____																						
1	BH-P01-8-C		S				1	Dec. 10/20	9:20																
2	Dup AC		S				2	Dec. 10/20																	
3	Dup AD		S				1	Dec. 10/20																	
4	Dup AE		S				2	Dec. 10/20																	
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <u>Drop-Box</u>	
Relinquished By (Sign): <u>kelly.patterson</u>	Received By Driver/Depot:	Received at Lab: <u>AerB</u>	Verified By: <u>AerB</u>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <u>11-Dec-20 8:30</u>	Date/Time: <u>11-Dec-20 8:30</u>
Date/Time: Dec. 10/20 @ 11:15am	Temperature: °C	Temperature: <u>6.9</u>	pH Verified: <input type="checkbox"/> By:

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 18-Dec-2020  
Order Date: 14-Dec-2020

**Order #: 2051018**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051018-01	BH-P03-1-C		
2051018-02	BH-P03-4-C		
2051018-03	DUP AG		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	17-Dec-20	17-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	17-Dec-20	18-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	16-Dec-20	16-Dec-20
SAR	Calculated	17-Dec-20	17-Dec-20
Solids, %	Gravimetric, calculation	15-Dec-20	16-Dec-20

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-P03-1-C	SAR	0.01 N/A	4.34	<b>2.4</b> N/A



Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-P03-1-C	BH-P03-4-C	DUP AG	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	11-Dec-2020	11-Dec-2020	11-Dec-2020	-	
<b>Sample ID:</b>	2051018-01	2051018-02	2051018-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	90.4	78.3	78.7	-	
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**General Inorganics**

SAR	0.01 N/A	4.34	-	-	-	2.4	N/A
Conductivity	5 uS/cm	532	-	-	-	0.57	mS/cm
pH	0.05 pH Units	-	7.70	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	-	<1.0	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	-	5.3	4.5	-	18	ug/g
Barium	1.0 ug/g	-	153	124	-	220	ug/g
Beryllium	0.5 ug/g	-	1.0	0.9	-	2.5	ug/g
Boron	5.0 ug/g	-	18.9	18.3	-	36	ug/g
Cadmium	0.5 ug/g	-	<0.5	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	-	29.0	26.9	-	70	ug/g
Cobalt	1.0 ug/g	-	15.0	13.3	-	21	ug/g
Copper	5.0 ug/g	-	24.3	20.6	-	92	ug/g
Lead	1.0 ug/g	-	10.9	9.3	-	120	ug/g
Molybdenum	1.0 ug/g	-	<1.0	<1.0	-	2	ug/g
Nickel	5.0 ug/g	-	31.9	28.7	-	82	ug/g
Selenium	1.0 ug/g	-	<1.0	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	-	<0.3	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	-	<1.0	<1.0	-	1	ug/g
Uranium	1.0 ug/g	-	<1.0	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	-	39.6	35.8	-	86	ug/g

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-P03-1-C	BH-P03-4-C	DUP AG	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	11-Dec-2020	11-Dec-2020	11-Dec-2020	-	
	Sample ID:	2051018-01	2051018-02	2051018-03	-	
	Matrix:	Soil	Soil	Soil	-	
	MDL/Units					
Zinc	20.0 ug/g	-	64.3	59.5	-	290 ug/g

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**General Inorganics**

Conductivity	ND	5	uS/cm						
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**Metals**

Antimony	ND	1.0	ug/g
Arsenic	ND	1.0	ug/g
Barium	ND	1.0	ug/g
Beryllium	ND	0.5	ug/g
Boron	ND	5.0	ug/g
Cadmium	ND	0.5	ug/g
Chromium	ND	5.0	ug/g
Cobalt	ND	1.0	ug/g
Copper	ND	5.0	ug/g
Lead	ND	1.0	ug/g
Molybdenum	ND	1.0	ug/g
Nickel	ND	5.0	ug/g
Selenium	ND	1.0	ug/g
Silver	ND	0.3	ug/g
Thallium	ND	1.0	ug/g
Uranium	ND	1.0	ug/g
Vanadium	ND	10.0	ug/g
Zinc	ND	20.0	ug/g

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 18-Dec-2020  
 Order Date: 14-Dec-2020  
 Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	11.0	0.01	N/A	8.89			21.6	30	
Conductivity	1360	5	uS/cm	1340			1.3	5	
pH	7.61	0.05	pH Units	7.60			0.1	10	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	7.3	1.0	ug/g	7.3			0.0	30	
Barium	64.0	1.0	ug/g	65.6			2.5	30	
Beryllium	0.7	0.5	ug/g	0.6			10.2	30	
Boron	14.9	5.0	ug/g	11.1			28.9	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	21.3	5.0	ug/g	21.4			0.2	30	
Cobalt	7.5	1.0	ug/g	7.8			3.9	30	
Copper	14.7	5.0	ug/g	15.3			4.2	30	
Lead	13.1	1.0	ug/g	13.7			4.7	30	
Molybdenum	1.9	1.0	ug/g	1.7			9.8	30	
Nickel	20.3	5.0	ug/g	21.0			3.4	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	1.0	1.0	ug/g	ND			NC	30	
Vanadium	33.6	10.0	ug/g	33.1			1.6	30	
Zinc	62.5	20.0	ug/g	64.7			3.5	30	
<b>Physical Characteristics</b>									
% Solids	95.4	0.1	% by Wt.	95.1			0.4	25	

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**Metals**

Antimony	132	1.0	ug/g	ND	105	70-130			
Arsenic	130	1.0	ug/g	7.3	98.4	70-130			
Barium	186	1.0	ug/g	65.6	96.2	70-130			
Beryllium	119	0.5	ug/g	0.6	94.3	70-130			
Boron	127	5.0	ug/g	11.1	93.0	70-130			
Cadmium	118	0.5	ug/g	ND	94.0	70-130			
Chromium	137	5.0	ug/g	21.4	92.4	70-130			
Cobalt	122	1.0	ug/g	7.8	91.2	70-130			
Copper	129	5.0	ug/g	15.3	91.1	70-130			
Lead	130	1.0	ug/g	13.7	93.0	70-130			
Molybdenum	122	1.0	ug/g	1.7	96.0	70-130			
Nickel	134	5.0	ug/g	21.0	90.8	70-130			
Selenium	120	1.0	ug/g	ND	95.9	70-130			
Silver	111	0.3	ug/g	ND	88.5	70-130			
Thallium	117	1.0	ug/g	ND	93.5	70-130			
Uranium	120	1.0	ug/g	ND	96.0	70-130			
Vanadium	150	10.0	ug/g	33.1	93.5	70-130			
Zinc	182	20.0	ug/g	64.7	94.0	70-130			

Certificate of Analysis

Report Date: 18-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 14-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2051018



Laurent Blvd  
 310 X1G 4J8  
 1-5147  
 paraceilabs.com  
 labs.com

Parcel Order Number  
 (Lab Use Only)

2051018

Chain Of Custody  
 (Lab Use Only)

Page 1 of 2

Client Name: Wood	Project Ref: OESAM2008/2000	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Contact Name: Kelly Patterson	Quote #: 20-513	
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken Date      Time		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																					
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Mun: _____	Other: _____																					
1	BH-P03-1-C			S		1	Dec. 11/20	14:15		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>														
2	BH-P03-2-D			S		2	Dec. 11/20	14:25																	
3	BH-P03-3-D			S		2	Dec. 11/20	14:30																	
4	BH-P03-3-C			S		1	Dec. 11/20	14:30																	
5	BH-P03-4-C			S		1	Dec. 11/20	14:35	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>													
6	BH-P03-5-D			S		2	Dec. 11/20	14:45																	
7	BH-P03-5-C			S		1	Dec. 11/20	14:45																	
8	BH-P03-6-D			S		2	Dec. 11/20	14:50																	
9	BH-P03-7-D			S		2	Dec. 11/20	14:55																	
10	BH-P03-7-C			S		1	Dec. 11/20	14:55																	

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.			Method of Delivery: <i>Prop. Box</i>	
Relinquished By (Sign): <i>kelly.patterson</i> <small>Digitally signed by kelly.patterson          Date: 2020.12.11 17:07:15          +05'00'</small>	Received By Driver/Depot:	Received at Lab: <i>ACB</i>	Verified By: <i>ACB</i>	
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <i>14-Dec-20 8:30</i>	Date/Time: <i>14-Dec-20 8:30</i>	
Date/Time: Dec. 11/20 @ 15:45	Temperature: _____ °C	Temperature: <i>5.3</i>	pH Verified: <input type="checkbox"/> By:	



Parcel ID: 2051018



int@vst  
16-4-08  
labo.com  
3011

Parcel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
---------------------------------------	------------------------------------

Client Name: Wood	Project Ref: OESAM2008/2000	Page 2 of 2
Contact Name: Kelly Patterson	Quote #: 20-513	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																			
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		ICP Metals	EC	SAR	PH	PHCs (F1-F4)	VOCs	BTEX	PAHs								
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA				Date	Time																
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																					
Sample ID/Location Name																									
1	Dup AF	S		2	Dec. 11/20	-																			
2	Dup AG	S		1	Dec. 11/20	-				✓															
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.			Method of Delivery: <u>Drop-Box</u>		
Relinquished By (Sign): <u>kelly.patterson</u> <small>Digitally signed by kelly.patterson Date: 2020.12.11 17:10:14 +0500</small>	Received By Driver/Depot:	Received at Lab: <u>AeB</u>	Verified By: <u>AeB</u>		
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <u>14-Dec-20 8:30</u>	Date/Time: <u>14-Dec-20 8:30</u>		
Date/Time: Dec. 11/20 @ 15:45	Temperature: °C	Temperature: <u>53</u>	pH Verified: <input type="checkbox"/>	By:	



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

**Order #: 2051388**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051388-01	BH-02-2-C		
2051388-02	BH-06-3-D		
2051388-03	BH-06-4-C		

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 21-Dec-2020  
 Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	19-Dec-20	19-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	18-Dec-20	21-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	21-Dec-20	21-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	18-Dec-20	18-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	17-Dec-20	18-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	18-Dec-20	21-Dec-20
SAR	Calculated	21-Dec-20	21-Dec-20
Solids, %	Gravimetric, calculation	17-Dec-20	18-Dec-20

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-02-2-C	SAR	0.01 N/A	2.49	2.4 N/A

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	
<b>Sample ID:</b>	2051388-01	2051388-02	2051388-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	90.3	82.1	79.9	-	
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**General Inorganics**

SAR	0.01 N/A	2.49	-	-	-	2.4	N/A
Conductivity	5 uS/cm	513	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.60	-	7.55	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	<1.0	-	1.3	ug/g
Arsenic	1.0 ug/g	5.7	-	3.9	-	18	ug/g
Barium	1.0 ug/g	48.6	-	132	-	220	ug/g
Beryllium	0.5 ug/g	<0.5	-	0.7	-	2.5	ug/g
Boron	5.0 ug/g	13.4	-	9.7	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	<0.5	-	1.2	ug/g
Chromium	5.0 ug/g	13.9	-	18.6	-	70	ug/g
Cobalt	1.0 ug/g	5.2	-	10.3	-	21	ug/g
Copper	5.0 ug/g	15.8	-	13.3	-	92	ug/g
Lead	1.0 ug/g	43.9	-	8.5	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	<1.0	-	2	ug/g
Nickel	5.0 ug/g	13.2	-	20.6	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	<1.0	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	<0.3	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	<1.0	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	<1.0	-	2.5	ug/g
Vanadium	10.0 ug/g	14.5	-	28.0	-	86	ug/g

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	Criteria:	
	Sample Date:	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample ID:	2051388-01	2051388-02	2051388-03	-		
	Matrix:	Soil	Soil	Soil	-		
	MDL/Units						
Zinc	20.0 ug/g	81.3	-	55.9	-	290	ug/g
<b>Volatiles</b>							
Acetone	0.50 ug/g	<0.50	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g	<0.02	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g	<0.05	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g	<0.05	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g	<0.05	<0.05	-	-		

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	14-Dec-2020	15-Dec-2020	15-Dec-2020	-		
		Sample ID:	2051388-01	2051388-02	2051388-03	-		
		Matrix:	Soil	Soil	Soil	-		
trans-1,3-Dichloropropylene	0.05 ug/g		<0.05	<0.05	-	-		
1,3-Dichloropropene, total	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Hexane	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		<0.50	<0.50	-	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		<0.50	<0.50	-	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Styrene	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		<0.05	<0.05	-	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		<0.05	<0.05	-	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		<0.02	<0.02	-	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		<0.05	<0.05	-	-		
o-Xylene	0.05 ug/g		<0.05	<0.05	-	-		
Xylenes, total	0.05 ug/g		<0.05	<0.05	-	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		97.2%	109%	-	-		
Dibromofluoromethane	Surrogate		76.1%	67.3%	-	-		
Toluene-d8	Surrogate		98.7%	104%	-	-		

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

<b>Client ID:</b>	BH-02-2-C	BH-06-3-D	BH-06-4-C	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	14-Dec-2020	15-Dec-2020	15-Dec-2020	-	
<b>Sample ID:</b>	2051388-01	2051388-02	2051388-03	-	
<b>Matrix:</b>	Soil	Soil	Soil	-	
<b>MDL/Units</b>					

**Hydrocarbons**

F1 PHCs (C6-C10)	7 ug/g	<7	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	<4	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	13	45	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	<6	<6	-	-	120	ug/g

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						



Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.28		ug/g		103	50-140			
Surrogate: Dibromofluoromethane	8.62		ug/g		107	50-140			
Surrogate: Toluene-d8	8.27		ug/g		103	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 21-Dec-2020  
 Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	34.8	0.01	N/A	35.9			3.3	30	
Conductivity	2380	5	uS/cm	2390			0.4	5	
pH	7.44	0.05	pH Units	7.50			0.8	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	2.8	1.0	ug/g	2.7			4.1	30	
Barium	50.6	1.0	ug/g	52.8			4.3	30	
Beryllium	0.5	0.5	ug/g	ND			NC	30	
Boron	8.7	5.0	ug/g	6.9			23.7	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	16.5	5.0	ug/g	17.1			4.1	30	
Cobalt	6.0	1.0	ug/g	6.4			6.5	30	
Copper	13.8	5.0	ug/g	14.1			2.0	30	
Lead	7.1	1.0	ug/g	7.2			1.3	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	14.7	5.0	ug/g	15.3			3.9	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.0	10.0	ug/g	25.2			5.1	30	
Zinc	55.8	20.0	ug/g	67.3			18.8	30	
<b>Physical Characteristics</b>									
% Solids	86.4	0.1	% by Wt.	86.5			0.1	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	12.5		ug/g		107	50-140			
Surrogate: Dibromofluoromethane	11.2		ug/g		95.4	50-140			
Surrogate: Toluene-d8	12.3		ug/g		105	50-140			

Certificate of Analysis

Report Date: 21-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 17-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	74	7	ug/g	ND	105	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	80.6	60-140			
F3 PHCs (C16-C34)	186	8	ug/g	ND	84.0	60-140			
F4 PHCs (C34-C50)	122	6	ug/g	ND	76.4	60-140			
<b>Metals</b>									
Antimony	128	1.0	ug/g	ND	102	70-130			
Arsenic	150	1.0	ug/g	3.0	118	70-130			
Barium	208	1.0	ug/g	109	79.2	70-130			
Beryllium	121	0.5	ug/g	0.8	96.4	70-130			
Boron	126	5.0	ug/g	10.0	92.5	70-130			
Cadmium	141	0.5	ug/g	ND	112	70-130			
Chromium	157	5.0	ug/g	26.2	104	70-130			
Cobalt	142	1.0	ug/g	8.6	106	70-130			
Copper	154	5.0	ug/g	17.4	110	70-130			
Lead	126	1.0	ug/g	9.9	93.2	70-130			
Molybdenum	145	1.0	ug/g	ND	116	70-130			
Nickel	155	5.0	ug/g	22.1	106	70-130			
Selenium	126	1.0	ug/g	ND	101	70-130			
Silver	101	0.3	ug/g	ND	81.0	70-130			
Thallium	120	1.0	ug/g	ND	96.1	70-130			
Uranium	145	1.0	ug/g	ND	116	70-130			
Vanadium	169	10.0	ug/g	33.4	108	70-130			
Zinc	181	20.0	ug/g	45.8	108	70-130			
<b>Volatiles</b>									
Acetone	19.5	0.50	ug/g	ND	100	50-140			
Benzene	8.57	0.02	ug/g	ND	107	60-130			
Bromodichloromethane	8.27	0.05	ug/g	ND	103	60-130			
Bromoform	5.75	0.05	ug/g	ND	71.9	60-130			
Bromomethane	9.09	0.05	ug/g	ND	113	50-140			
Carbon Tetrachloride	8.03	0.05	ug/g	ND	100	60-130			
Chlorobenzene	8.83	0.05	ug/g	ND	110	60-130			
Chloroform	8.11	0.05	ug/g	ND	101	60-130			
Dibromochloromethane	9.03	0.05	ug/g	ND	113	60-130			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 21-Dec-2020  
Order Date: 17-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	7.90	0.05	ug/g	ND	98.3	50-140			
1,2-Dibromoethane	7.70	0.05	ug/g	ND	95.7	60-130			
1,2-Dichlorobenzene	6.70	0.05	ug/g	ND	83.4	60-130			
1,3-Dichlorobenzene	7.10	0.05	ug/g	ND	88.3	60-130			
1,4-Dichlorobenzene	7.70	0.05	ug/g	ND	95.8	60-130			
1,1-Dichloroethane	8.52	0.05	ug/g	ND	106	60-130			
1,2-Dichloroethane	8.11	0.05	ug/g	ND	101	60-130			
1,1-Dichloroethylene	7.93	0.05	ug/g	ND	98.6	60-130			
cis-1,2-Dichloroethylene	8.81	0.05	ug/g	ND	110	60-130			
trans-1,2-Dichloroethylene	9.16	0.05	ug/g	ND	114	60-130			
1,2-Dichloropropane	8.35	0.05	ug/g	ND	104	60-130			
cis-1,3-Dichloropropylene	8.26	0.05	ug/g	ND	103	60-130			
trans-1,3-Dichloropropylene	8.01	0.05	ug/g	ND	99.7	60-130			
Ethylbenzene	8.00	0.05	ug/g	ND	100	60-130			
Hexane	9.72	0.05	ug/g	ND	122	60-130			
Methyl Ethyl Ketone (2-Butanone)	21.5	0.50	ug/g	ND	105	50-140			
Methyl Isobutyl Ketone	19.4	0.50	ug/g	ND	99.3	50-140			
Methyl tert-butyl ether	24.6	0.05	ug/g	ND	123	50-140			
Methylene Chloride	9.79	0.05	ug/g	ND	122	60-130			
Styrene	8.84	0.05	ug/g	ND	110	60-130			
1,1,1,2-Tetrachloroethane	7.36	0.05	ug/g	ND	91.5	60-130			
1,1,2,2-Tetrachloroethane	7.93	0.05	ug/g	ND	98.7	60-130			
Tetrachloroethylene	6.56	0.05	ug/g	ND	81.6	60-130			
Toluene	8.34	0.05	ug/g	ND	104	60-130			
1,1,1-Trichloroethane	7.63	0.05	ug/g	ND	94.9	60-130			
1,1,2-Trichloroethane	7.81	0.05	ug/g	ND	97.1	60-130			
Trichloroethylene	8.94	0.05	ug/g	ND	111	60-130			
Trichlorofluoromethane	7.61	0.05	ug/g	ND	95.1	50-140			
Vinyl chloride	8.81	0.02	ug/g	ND	110	50-140			
m,p-Xylenes	15.8	0.05	ug/g	ND	99.0	60-130			
o-Xylene	8.19	0.05	ug/g	ND	102	60-130			
Surrogate: 4-Bromofluorobenzene	16.3		ug/g		101	50-140			
Surrogate: Dibromofluoromethane	16.2		ug/g		100	50-140			
Surrogate: Toluene-d8	15.8		ug/g		97.8	50-140			

Certificate of Analysis

Report Date: 21-Dec-2020

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 17-Dec-2020

Client PO:

Project Description: **OESAM2008/2000**

**Qualifier Notes:**

**Login Qualifiers :**

Sample - F1/BTEX/VOCs (soil) not submitted according to Reg. 153/04, Amended 2011 - not field preserved

*Applies to samples: BH-02-2-C*

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

***CCME PHC additional information:***

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Parcel ID: 2051388



Print Date: 16/4/18  
Table Count: 10  
SPM:

Parcel Order Number (Lab Use Only) <b>2051388</b>	Chain Of Custody (Lab Use Only)
---	------------------------------------

Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																	
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken Date      Time		ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs						
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																			
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																			
<input type="checkbox"/> Table _____		Mun: _____																					
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Other: _____																					
Sample ID/Location Name				Matrix	Air Volume	# of Containers	Date	Time	ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs							
1	BH-02-2-C			S		1	Dec. 14/20	9:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
2	BH-06-3-D			S		2	Dec. 15/20	9:25					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
3	BH-06-4-C			S		1	Dec. 15/20	9:30	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>											
4	BH-06-5-C			S		1	Dec. 15/20	9:35															
5	BH-06-7-D			S		2	Dec. 15/20	9:55															
6	BH-06-8-C			S		1	Dec. 15/20	10:05															
7																							
8																							
9																							
10																							

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <b>Drop Box</b>	
Relinquished By (Sign): <b>kelly.patterson</b> <small>Digitally signed by kelly.patterson Date: 2020.12.16 22:54:08 +05'00'</small>	Received By Driver/Depot:	Received at Lab: <b>AES</b>	Verified By: <b>AES</b>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <b>17-Dec-20 8:30</b>	Date/Time: <b>17-Dec-20 8:30</b>
Date/Time: Dec. 15/20 @ 15:00	Temperature: °C	Temperature: <b>56</b>	pH Verified: <input type="checkbox"/> By:

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008.2000  
Custody:

Report Date: 24-Dec-2020  
Order Date: 18-Dec-2020

**Order #: 2051634**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2051634-01	BH-08-1C		
2051634-02	BH-08-2D		

Approved By:



Alex Enfield, MSc  
Lab Manager



Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	22-Dec-20	22-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	21-Dec-20	22-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	22-Dec-20	23-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	22-Dec-20	22-Dec-20
REG 153: pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	21-Dec-20	21-Dec-20
REG 153: VOCs by P&T GC-MS	EPA 8260 - P&T GC-MS	21-Dec-20	22-Dec-20
SAR	Calculated	22-Dec-20	22-Dec-20
Solids, %	Gravimetric, calculation	21-Dec-20	22-Dec-20

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

### Regulatory Comparison:

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

### Criteria:

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
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Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

<b>Client ID:</b>	BH-08-1C	BH-08-2D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	18-Dec-2020	18-Dec-2020	-	-	
<b>Sample ID:</b>	2051634-01	2051634-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

**Physical Characteristics**

% Solids	0.1 % by Wt.	80.0	82.2	-	-		
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**General Inorganics**

SAR	0.01 N/A	0.28	-	-	-	2.4	N/A
Conductivity	5 uS/cm	537	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.13	-	-	-	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	4.5	-	-	-	18	ug/g
Barium	1.0 ug/g	107	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.7	-	-	-	2.5	ug/g
Boron	5.0 ug/g	5.0	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	25.6	-	-	-	70	ug/g
Cobalt	1.0 ug/g	9.4	-	-	-	21	ug/g
Copper	5.0 ug/g	19.3	-	-	-	92	ug/g
Lead	1.0 ug/g	11.0	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	<1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	24.4	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	37.5	-	-	-	86	ug/g

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

	MDL/Units	Client ID:	BH-08-1C	BH-08-2D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	18-Dec-2020	18-Dec-2020	-	-		
		Sample ID:	2051634-01	2051634-02	-	-		
		Matrix:	Soil	Soil	-	-		
Zinc	20.0 ug/g		48.1	-	-	-	290	ug/g
<b>Volatiles</b>								
Acetone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Benzene	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromoform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Bromomethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Chloroform	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dibromoethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,2-Dichloroethylene, total	0.05 ug/g		-	<0.05	-	-		
1,2-Dichloropropane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

	MDL/Units	Client ID:	BH-08-1C	BH-08-2D	-	-	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	18-Dec-2020	18-Dec-2020	-	-		
		Sample ID:	2051634-01	2051634-02	-	-		
		Matrix:	Soil	Soil	-	-		
trans-1,3-Dichloropropylene	0.05 ug/g		-	<0.05	-	-		
1,3-Dichloropropene, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Ethylbenzene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Hexane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	<0.50	-	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Styrene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Toluene	0.05 ug/g		-	<0.05	-	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	<0.05	-	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	<0.02	-	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	<0.05	-	-		
o-Xylene	0.05 ug/g		-	<0.05	-	-		
Xylenes, total	0.05 ug/g		-	<0.05	-	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	94.0%	-	-		
Dibromofluoromethane	Surrogate		-	75.6%	-	-		
Toluene-d8	Surrogate		-	99.2%	-	-		

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

<b>Client ID:</b>	BH-08-1C	BH-08-2D	-	-	<b>Criteria:</b> Reg 153/04 (2011)-Table 1 Residential/Industrial
<b>Sample Date:</b>	18-Dec-2020	18-Dec-2020	-	-	
<b>Sample ID:</b>	2051634-01	2051634-02	-	-	
<b>Matrix:</b>	Soil	Soil	-	-	
<b>MDL/Units</b>					

Hydrocarbons							
F1 PHCs (C6-C10)	7 ug/g	-	<7	-	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g	-	<4	-	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g	-	<8	-	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g	-	<6	-	-	120	ug/g

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
Conductivity	ND	5	uS/cm						
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g						
F2 PHCs (C10-C16)	ND	4	ug/g						
F3 PHCs (C16-C34)	ND	8	ug/g						
F4 PHCs (C34-C50)	ND	6	ug/g						
<b>Metals</b>									
Antimony	ND	1.0	ug/g						
Arsenic	ND	1.0	ug/g						
Barium	ND	1.0	ug/g						
Beryllium	ND	0.5	ug/g						
Boron	ND	5.0	ug/g						
Cadmium	ND	0.5	ug/g						
Chromium	ND	5.0	ug/g						
Cobalt	ND	1.0	ug/g						
Copper	ND	5.0	ug/g						
Lead	ND	1.0	ug/g						
Molybdenum	ND	1.0	ug/g						
Nickel	ND	5.0	ug/g						
Selenium	ND	1.0	ug/g						
Silver	ND	0.3	ug/g						
Thallium	ND	1.0	ug/g						
Uranium	ND	1.0	ug/g						
Vanadium	ND	10.0	ug/g						
Zinc	ND	20.0	ug/g						
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dibromoethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloroethylene, total	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	7.73		ug/g		96.6	50-140			
Surrogate: Dibromofluoromethane	6.76		ug/g		84.4	50-140			
Surrogate: Toluene-d8	8.01		ug/g		100	50-140			



Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.77	0.01	N/A	0.75			2.6	30	
Conductivity	866	5	uS/cm	867			0.1	5	
pH	6.94	0.05	pH Units	7.01			1.0	10	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	57	7	ug/g	57			0.1	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	ND	1.0	ug/g	ND			NC	30	
Arsenic	8.5	1.0	ug/g	9.1			6.2	30	
Barium	111	1.0	ug/g	113			1.8	30	
Beryllium	0.6	0.5	ug/g	0.6			5.5	30	
Boron	14.5	5.0	ug/g	13.1			10.7	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	19.7	5.0	ug/g	20.5			4.1	30	
Cobalt	5.9	1.0	ug/g	6.2			4.9	30	
Copper	29.0	5.0	ug/g	30.4			4.4	30	
Lead	69.8	1.0	ug/g	71.2			2.1	30	
Molybdenum	ND	1.0	ug/g	ND			NC	30	
Nickel	13.2	5.0	ug/g	14.6			9.7	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	0.3			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	24.2	10.0	ug/g	25.6			5.5	30	
Zinc	138	20.0	ug/g	146			5.7	30	
<b>Physical Characteristics</b>									
% Solids	80.0	0.1	% by Wt.	81.3			1.7	25	
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dibromoethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	0.991	0.05	ug/g	1.01			2.3	50	
Hexane	0.794	0.05	ug/g	0.789			0.6	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	0.594	0.05	ug/g	0.615			3.4	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	6.00		ug/g		91.7	50-140			
Surrogate: Dibromofluoromethane	4.69		ug/g		71.7	50-140			
Surrogate: Toluene-d8	6.73		ug/g		103	50-140			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	82	7	ug/g	ND	116	80-120			
F2 PHCs (C10-C16)	92	4	ug/g	ND	89.2	60-140			
F3 PHCs (C16-C34)	211	8	ug/g	ND	90.8	60-140			
F4 PHCs (C34-C50)	153	6	ug/g	ND	91.5	60-140			
<b>Metals</b>									
Antimony	115	1.0	ug/g	ND	91.7	70-130			
Arsenic	137	1.0	ug/g	9.1	102	70-130			
Barium	241	1.0	ug/g	113	103	70-130			
Beryllium	116	0.5	ug/g	0.6	92.1	70-130			
Boron	131	5.0	ug/g	13.1	94.2	70-130			
Cadmium	120	0.5	ug/g	ND	96.1	70-130			
Chromium	146	5.0	ug/g	20.5	100	70-130			
Cobalt	128	1.0	ug/g	6.2	97.1	70-130			
Copper	159	5.0	ug/g	30.4	103	70-130			
Lead	190	1.0	ug/g	71.2	95.4	70-130			
Molybdenum	125	1.0	ug/g	ND	100	70-130			
Nickel	143	5.0	ug/g	14.6	102	70-130			
Selenium	133	1.0	ug/g	ND	107	70-130			
Silver	121	0.3	ug/g	0.3	96.7	70-130			
Thallium	119	1.0	ug/g	ND	94.9	70-130			
Uranium	121	1.0	ug/g	ND	96.6	70-130			
Vanadium	151	10.0	ug/g	25.6	101	70-130			
Zinc	273	20.0	ug/g	146	102	70-130			
<b>Volatiles</b>									
Acetone	17.7	0.50	ug/g	ND	90.9	50-140			
Benzene	8.34	0.02	ug/g	ND	104	60-130			
Bromodichloromethane	6.80	0.05	ug/g	ND	85.0	60-130			
Bromoform	6.72	0.05	ug/g	ND	84.0	60-130			
Bromomethane	7.12	0.05	ug/g	ND	88.6	50-140			
Carbon Tetrachloride	6.32	0.05	ug/g	ND	79.0	60-130			
Chlorobenzene	7.80	0.05	ug/g	ND	97.0	60-130			
Chloroform	6.18	0.05	ug/g	ND	76.9	60-130			
Dibromochloromethane	7.21	0.05	ug/g	ND	90.2	60-130			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	6.72	0.05	ug/g	ND	83.6	50-140			
1,2-Dibromoethane	6.31	0.05	ug/g	ND	78.5	60-130			
1,2-Dichlorobenzene	8.20	0.05	ug/g	ND	102	60-130			
1,3-Dichlorobenzene	7.97	0.05	ug/g	ND	99.1	60-130			
1,4-Dichlorobenzene	8.10	0.05	ug/g	ND	101	60-130			
1,1-Dichloroethane	6.53	0.05	ug/g	ND	81.2	60-130			
1,2-Dichloroethane	7.54	0.05	ug/g	ND	93.8	60-130			
1,1-Dichloroethylene	6.18	0.05	ug/g	ND	76.8	60-130			
cis-1,2-Dichloroethylene	6.91	0.05	ug/g	ND	85.9	60-130			
trans-1,2-Dichloroethylene	5.65	0.05	ug/g	ND	70.3	60-130			
1,2-Dichloropropane	7.11	0.05	ug/g	ND	88.5	60-130			
cis-1,3-Dichloropropylene	6.08	0.05	ug/g	ND	75.6	60-130			
trans-1,3-Dichloropropylene	6.25	0.05	ug/g	ND	77.7	60-130			
Ethylbenzene	8.23	0.05	ug/g	ND	103	60-130			
Hexane	7.22	0.05	ug/g	ND	90.3	60-130			
Methyl Ethyl Ketone (2-Butanone)	18.8	0.50	ug/g	ND	91.6	50-140			
Methyl Isobutyl Ketone	17.8	0.50	ug/g	ND	91.1	50-140			
Methyl tert-butyl ether	19.3	0.05	ug/g	ND	96.4	50-140			
Methylene Chloride	7.67	0.05	ug/g	ND	95.9	60-130			
Styrene	7.70	0.05	ug/g	ND	95.7	60-130			
1,1,1,2-Tetrachloroethane	6.80	0.05	ug/g	ND	84.6	60-130			
1,1,2,2-Tetrachloroethane	6.40	0.05	ug/g	ND	79.6	60-130			
Tetrachloroethylene	7.27	0.05	ug/g	ND	90.4	60-130			
Toluene	8.62	0.05	ug/g	ND	108	60-130			
1,1,1-Trichloroethane	5.56	0.05	ug/g	ND	69.2	60-130			
1,1,2-Trichloroethane	6.64	0.05	ug/g	ND	82.5	60-130			
Trichloroethylene	6.87	0.05	ug/g	ND	85.5	60-130			
Trichlorofluoromethane	4.83	0.05	ug/g	ND	60.4	50-140			
Vinyl chloride	7.42	0.02	ug/g	ND	92.2	50-140			
m,p-Xylenes	16.4	0.05	ug/g	ND	103	60-130			
o-Xylene	8.31	0.05	ug/g	ND	103	60-130			
Surrogate: 4-Bromofluorobenzene	14.5		ug/g		90.9	50-140			
Surrogate: Dibromofluoromethane	12.9		ug/g		80.8	50-140			
Surrogate: Toluene-d8	17.1		ug/g		107	50-140			

Certificate of Analysis

Report Date: 24-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 18-Dec-2020

Client PO:

Project Description: OESAM2008.2000

**Qualifier Notes:**

None

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Parcel ID: 2051634



Parcel Order Number  
(Lab Use Only)

Chain Of Custody  
(Lab Use Only)  
No 129983

Client Name: Wood E+IS  
Contact Name: Kelly Patterson  
Address: 110 James St., Unit 301  
St. Catharines, ON, L2R 7E8  
Telephone: 905-687-6616

Project Ref: OESAM2008.2000  
Quote #:  
PO #:  
E-mail: Kelly.patterson@woodplc.com

Page 1 of 1  
**Turnaround Time**  
 1 day  3 day  
 2 day  Regular  
Date Required: \_\_\_\_\_

- Regulation 153/04  
 Table 1  Res/Park  Med/Fine  
 Table 2  Ind/Comm  Coarse  
 Table 3  Agri/Other  
 Table \_\_\_\_\_  
For RSC:  Yes  No
- Other Regulation  
 REG 558  PWQO  
 CCME  MISA  
 SU - Sani  SU - Storm  
Mun: \_\_\_\_\_  
 Other: \_\_\_\_\_

Matrix Type: **S** (Soil/Sed.) **GW** (Ground Water)  
**SW** (Surface Water) **SS** (Storm/Sanitary Sewer)  
**P** (Paint) **A** (Air) **O** (Other)

**Required Analysis**

Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken		PHCS F1-F4+BTEX	VOCS	PAHs	Metals by ICP				B (HWS)
				Date	Time				Hg	Cd	Pb	Cr	
1 BH-08-1C	S		1	Dec 18/20	9:07am								
2 BH-08-2C			1		9:10am								
3 BH-08-2D			2		9:10am								
4 BH-08-3C			1		9:15am								
5 BH-08-4C			1		9:23am								
6 BH-08-5C			1		9:30am								
7 BH-08-6C			1		9:40am								
8 BH-08-6D			2		9:40am								
9 DUP-BA.			1										
10													

Comments: COPE incomplete

Method of Delivery: Walkin

Relinquished By (Sign): [Signature]  
Relinquished By (Print): Joyce Nail  
Date/Time: Dec 18/20 12:15 pm.

Received By Driver/Depot: Niagara  
B Horneman  
Date/Time: 18 Dec 20 12:30  
Temperature: 3.1 °C

Received at Lab: ALB  
Date/Time: 21-Dec-20 8:30  
Temperature: 86 °C

Verified By: ALB  
Date/Time: 21-Dec-20 8:30  
pH Verified:  By: NA



## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 Jame Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody: 129982

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

**Order #: 2052104**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID	Parcel ID	Client ID
2052104-01	BH-07-2-D		
2052104-02	BH-07-3-C		
2052104-03	BH-07-4-D		
2052104-04	BH-07-6-D		

Approved By:



Dale Robertson, BSc  
Laboratory Director



Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Conductivity	MOE E3138 - probe @25 °C, water ext	23-Dec-20	23-Dec-20
PCBs, total	SW846 8082A - GC-ECD	21-Dec-20	23-Dec-20
pH, soil	EPA 150.1 - pH probe @ 25 °C, CaCl buffered ext.	22-Dec-20	23-Dec-20
PHC F1	CWS Tier 1 - P&T GC-FID	22-Dec-20	22-Dec-20
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	22-Dec-20	23-Dec-20
REG 153: Metals by ICP/MS, soil	EPA 6020 - Digestion - ICP-MS	23-Dec-20	23-Dec-20
REG 153: PAHs by GC-MS	EPA 8270 - GC-MS, extraction	21-Dec-20	23-Dec-20
REG 153: VOCs by P&T GC/MS	EPA 8260 - P&T GC-MS	22-Dec-20	22-Dec-20
SAR	Calculated	30-Dec-20	31-Dec-20
Solids, %	Gravimetric, calculation	22-Dec-20	23-Dec-20

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, ( ), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Residential/Industrial
BH-07-2-D	SAR	0.01 N/A	5.09	<b>2.4</b> N/A
BH-07-2-D	Conductivity	5 uS/cm	1690	<b>0.57</b> mS/cm

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020	
Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04	
Matrix:	Soil	Soil	Soil	Soil	
MDL/Units					

**Physical Characteristics**

% Solids	0.1 % by Wt.	87.1	81.6	80.9	76.0	
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**General Inorganics**

SAR	0.01 N/A	5.09	-	-	-	2.4	N/A
Conductivity	5 uS/cm	1690	-	-	-	0.57	mS/cm
pH	0.05 pH Units	7.70	-	-	7.47	5 - 9	pH units

**Metals**

Antimony	1.0 ug/g	<1.0	-	-	-	1.3	ug/g
Arsenic	1.0 ug/g	6.8	-	-	-	18	ug/g
Barium	1.0 ug/g	110	-	-	-	220	ug/g
Beryllium	0.5 ug/g	0.9	-	-	-	2.5	ug/g
Boron	5.0 ug/g	5.2	-	-	-	36	ug/g
Cadmium	0.5 ug/g	<0.5	-	-	-	1.2	ug/g
Chromium	5.0 ug/g	23.5	-	-	-	70	ug/g
Cobalt	1.0 ug/g	11.9	-	-	-	21	ug/g
Copper	5.0 ug/g	22.9	-	-	-	92	ug/g
Lead	1.0 ug/g	64.6	-	-	-	120	ug/g
Molybdenum	1.0 ug/g	1.0	-	-	-	2	ug/g
Nickel	5.0 ug/g	30.5	-	-	-	82	ug/g
Selenium	1.0 ug/g	<1.0	-	-	-	1.5	ug/g
Silver	0.3 ug/g	<0.3	-	-	-	0.5	ug/g
Thallium	1.0 ug/g	<1.0	-	-	-	1	ug/g
Uranium	1.0 ug/g	<1.0	-	-	-	2.5	ug/g
Vanadium	10.0 ug/g	31.9	-	-	-	86	ug/g

## Certificate of Analysis

Client: Wood Environment &amp; Infrastructure (Thorold)

Client PO:

Report Date: 31-Dec-2020

Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
	Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
	Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
	Matrix:	Soil	Soil	Soil	Soil		
	MDL/Units						
Zinc	20.0 ug/g	97.6	-	-	-	290	ug/g
<b>Volatiles</b>							
Acetone	0.50 ug/g	-	-	<0.50	-	0.5	ug/g
Benzene	0.02 ug/g	-	-	<0.02	-	0.02	ug/g
Bromodichloromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Bromoform	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Bromomethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Carbon Tetrachloride	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Chlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Chloroform	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Dibromochloromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
Dichlorodifluoromethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,3-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,4-Dichlorobenzene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichloroethane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,1-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
cis-1,2-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
trans-1,2-Dichloroethylene	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
1,2-Dichloropropane	0.05 ug/g	-	-	<0.05	-	0.05	ug/g
cis-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
trans-1,3-Dichloropropylene	0.05 ug/g	-	-	<0.05	-		
1,3-Dichloropropene, total	0.05 ug/g	-	-	<0.05	-	0.05	ug/g

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
		Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
		Matrix:	Soil	Soil	Soil	Soil		
Ethylbenzene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Ethylene dibromide (dibromoethane)	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Hexane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Methyl Ethyl Ketone (2-Butanone)	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Methyl Isobutyl Ketone	0.50 ug/g		-	-	<0.50	-	0.5	ug/g
Methyl tert-butyl ether	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Methylene Chloride	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Styrene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,1,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,2,2-Tetrachloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Tetrachloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Toluene	0.05 ug/g		-	-	<0.05	-	0.2	ug/g
1,1,1-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
1,1,2-Trichloroethane	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Trichloroethylene	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
Trichlorofluoromethane	0.05 ug/g		-	-	<0.05	-	0.25	ug/g
Vinyl chloride	0.02 ug/g		-	-	<0.02	-	0.02	ug/g
m,p-Xylenes	0.05 ug/g		-	-	<0.05	-		
o-Xylene	0.05 ug/g		-	-	<0.05	-		
Xylenes, total	0.05 ug/g		-	-	<0.05	-	0.05	ug/g
4-Bromofluorobenzene	Surrogate		-	-	113%	-		
Dibromofluoromethane	Surrogate		-	-	110%	-		
Toluene-d8	Surrogate		-	-	109%	-		

**Hydrocarbons**

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial	
		Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020		
		Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04		
		Matrix:	Soil	Soil	Soil	Soil		
F1 PHCs (C6-C10)	7 ug/g		-	-	<7	-	25	ug/g
F2 PHCs (C10-C16)	4 ug/g		-	-	<4	-	10	ug/g
F3 PHCs (C16-C34)	8 ug/g		-	-	<8	-	240	ug/g
F4 PHCs (C34-C50)	6 ug/g		-	-	<6	-	120	ug/g
<b>Semi-Volatiles</b>								
Acenaphthene	0.02 ug/g		-	<0.02	-	-	0.072	ug/g
Acenaphthylene	0.02 ug/g		-	<0.02	-	-	0.093	ug/g
Anthracene	0.02 ug/g		-	<0.02	-	-	0.16	ug/g
Benzo [a] anthracene	0.02 ug/g		-	<0.02	-	-	0.36	ug/g
Benzo [a] pyrene	0.02 ug/g		-	<0.02	-	-	0.3	ug/g
Benzo [b] fluoranthene	0.02 ug/g		-	<0.02	-	-	0.47	ug/g
Benzo [g,h,i] perylene	0.02 ug/g		-	<0.02	-	-	0.68	ug/g
Benzo [k] fluoranthene	0.02 ug/g		-	<0.02	-	-	0.48	ug/g
Chrysene	0.02 ug/g		-	<0.02	-	-	2.8	ug/g
Dibenzo [a,h] anthracene	0.02 ug/g		-	<0.02	-	-	0.1	ug/g
Fluoranthene	0.02 ug/g		-	<0.02	-	-	0.56	ug/g
Fluorene	0.02 ug/g		-	<0.02	-	-	0.12	ug/g
Indeno [1,2,3-cd] pyrene	0.02 ug/g		-	<0.02	-	-	0.23	ug/g
1-Methylnaphthalene	0.02 ug/g		-	<0.02	-	-	0.59	ug/g
2-Methylnaphthalene	0.02 ug/g		-	<0.02	-	-	0.59	ug/g
Methylnaphthalene (1&2)	0.04 ug/g		-	<0.04	-	-	0.59	ug/g
Naphthalene	0.01 ug/g		-	<0.01	-	-	0.09	ug/g
Phenanthrene	0.02 ug/g		-	<0.02	-	-	0.69	ug/g
Pyrene	0.02 ug/g		-	<0.02	-	-	1	ug/g

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

	Client ID:	BH-07-2-D	BH-07-3-C	BH-07-4-D	BH-07-6-D	Criteria: Reg 153/04 (2011)-Table 1 Residential/Industrial
	Sample Date:	21-Dec-2020	21-Dec-2020	21-Dec-2020	21-Dec-2020	
	Sample ID:	2052104-01	2052104-02	2052104-03	2052104-04	
	Matrix:	Soil	Soil	Soil	Soil	
	MDL/Units					
2-Fluorobiphenyl	Surrogate	-	70.0%	-	-	
Terphenyl-d14	Surrogate	-	93.9%	-	-	
<b>PCBs</b>						
PCBs, total	0.05 ug/g	-	<0.05	-	-	0.3 ug/g
Decachlorobiphenyl	Surrogate	-	111%	-	-	

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	---------------	------	------------	-----	-----------	-------

**General Inorganics**

Conductivity ND 5 uS/cm

**Hydrocarbons**

F1 PHCs (C6-C10) ND 7 ug/g  
F2 PHCs (C10-C16) ND 4 ug/g  
F3 PHCs (C16-C34) ND 8 ug/g  
F4 PHCs (C34-C50) ND 6 ug/g

**Metals**

Antimony ND 1.0 ug/g  
Arsenic ND 1.0 ug/g  
Barium ND 1.0 ug/g  
Beryllium ND 0.5 ug/g  
Boron ND 5.0 ug/g  
Cadmium ND 0.5 ug/g  
Chromium ND 5.0 ug/g  
Cobalt ND 1.0 ug/g  
Copper ND 5.0 ug/g  
Lead ND 1.0 ug/g  
Molybdenum ND 1.0 ug/g  
Nickel ND 5.0 ug/g  
Selenium ND 1.0 ug/g  
Silver ND 0.3 ug/g  
Thallium ND 1.0 ug/g  
Uranium ND 1.0 ug/g  
Vanadium ND 10.0 ug/g  
Zinc ND 20.0 ug/g

**PCBs**

PCBs, total ND 0.05 ug/g  
Surrogate: Decachlorobiphenyl 0.0993 ug/g 99.3 60-140

**Semi-Volatiles**

Acenaphthene ND 0.02 ug/g  
Acenaphthylene ND 0.02 ug/g  
Anthracene ND 0.02 ug/g  
Benzo [a] anthracene ND 0.02 ug/g  
Benzo [a] pyrene ND 0.02 ug/g  
Benzo [b] fluoranthene ND 0.02 ug/g  
Benzo [g,h,i] perylene ND 0.02 ug/g  
Benzo [k] fluoranthene ND 0.02 ug/g  
Chrysene ND 0.02 ug/g  
Dibenzo [a,h] anthracene ND 0.02 ug/g



Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Fluoranthene	ND	0.02	ug/g						
Fluorene	ND	0.02	ug/g						
Indeno [1,2,3-cd] pyrene	ND	0.02	ug/g						
1-Methylnaphthalene	ND	0.02	ug/g						
2-Methylnaphthalene	ND	0.02	ug/g						
Methylnaphthalene (1&2)	ND	0.04	ug/g						
Naphthalene	ND	0.01	ug/g						
Phenanthrene	ND	0.02	ug/g						
Pyrene	ND	0.02	ug/g						
Surrogate: 2-Fluorobiphenyl	1.08		ug/g		81.0	50-140			
Surrogate: Terphenyl-d14	1.37		ug/g		103	50-140			
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g						
Benzene	ND	0.02	ug/g						
Bromodichloromethane	ND	0.05	ug/g						
Bromoform	ND	0.05	ug/g						
Bromomethane	ND	0.05	ug/g						
Carbon Tetrachloride	ND	0.05	ug/g						
Chlorobenzene	ND	0.05	ug/g						
Chloroform	ND	0.05	ug/g						
Dibromochloromethane	ND	0.05	ug/g						
Dichlorodifluoromethane	ND	0.05	ug/g						
1,2-Dichlorobenzene	ND	0.05	ug/g						
1,3-Dichlorobenzene	ND	0.05	ug/g						
1,4-Dichlorobenzene	ND	0.05	ug/g						
1,1-Dichloroethane	ND	0.05	ug/g						
1,2-Dichloroethane	ND	0.05	ug/g						
1,1-Dichloroethylene	ND	0.05	ug/g						
cis-1,2-Dichloroethylene	ND	0.05	ug/g						
trans-1,2-Dichloroethylene	ND	0.05	ug/g						
1,2-Dichloropropane	ND	0.05	ug/g						
cis-1,3-Dichloropropylene	ND	0.05	ug/g						
trans-1,3-Dichloropropylene	ND	0.05	ug/g						
1,3-Dichloropropene, total	ND	0.05	ug/g						
Ethylbenzene	ND	0.05	ug/g						
Ethylene dibromide (dibromoethane, 1,2-	ND	0.05	ug/g						
Hexane	ND	0.05	ug/g						
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g						
Methyl Isobutyl Ketone	ND	0.50	ug/g						
Methyl tert-butyl ether	ND	0.05	ug/g						
Methylene Chloride	ND	0.05	ug/g						
Styrene	ND	0.05	ug/g						

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g						
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g						
Tetrachloroethylene	ND	0.05	ug/g						
Toluene	ND	0.05	ug/g						
1,1,1-Trichloroethane	ND	0.05	ug/g						
1,1,2-Trichloroethane	ND	0.05	ug/g						
Trichloroethylene	ND	0.05	ug/g						
Trichlorofluoromethane	ND	0.05	ug/g						
Vinyl chloride	ND	0.02	ug/g						
m,p-Xylenes	ND	0.05	ug/g						
o-Xylene	ND	0.05	ug/g						
Xylenes, total	ND	0.05	ug/g						
Surrogate: 4-Bromofluorobenzene	8.68		ug/g		109	50-140			
Surrogate: Dibromofluoromethane	7.90		ug/g		98.7	50-140			
Surrogate: Toluene-d8	8.49		ug/g		106	50-140			

Certificate of Analysis  
 Client: Wood Environment & Infrastructure (Thorold)  
 Client PO:

Report Date: 31-Dec-2020  
 Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>General Inorganics</b>									
SAR	0.56	0.01	N/A	0.51			9.4	30	
Conductivity	1110	5	uS/cm	1120			0.6	5	
pH	7.61	0.05	pH Units	7.62			0.1	2.3	
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	7	ug/g	ND			NC	40	
F2 PHCs (C10-C16)	ND	4	ug/g	ND			NC	30	
F3 PHCs (C16-C34)	ND	8	ug/g	ND			NC	30	
F4 PHCs (C34-C50)	ND	6	ug/g	ND			NC	30	
<b>Metals</b>									
Antimony	1.1	1.0	ug/g	ND			NC	30	
Arsenic	5.3	1.0	ug/g	6.0			12.2	30	
Barium	45.0	1.0	ug/g	50.0			10.6	30	
Beryllium	0.7	0.5	ug/g	0.7			5.8	30	
Boron	ND	5.0	ug/g	ND			NC	30	
Cadmium	ND	0.5	ug/g	ND			NC	30	
Chromium	24.3	5.0	ug/g	27.4			12.0	30	
Cobalt	7.4	1.0	ug/g	8.6			14.0	30	
Copper	11.5	5.0	ug/g	13.2			13.6	30	
Lead	11.9	1.0	ug/g	13.0			8.5	30	
Molybdenum	1.8	1.0	ug/g	1.8			0.6	30	
Nickel	15.3	5.0	ug/g	17.9			15.4	30	
Selenium	ND	1.0	ug/g	ND			NC	30	
Silver	ND	0.3	ug/g	ND			NC	30	
Thallium	ND	1.0	ug/g	ND			NC	30	
Uranium	ND	1.0	ug/g	ND			NC	30	
Vanadium	32.4	10.0	ug/g	36.9			13.0	30	
Zinc	32.4	20.0	ug/g	36.5			11.9	30	
<b>PCBs</b>									
PCBs, total	ND	0.05	ug/g	ND			NC	40	
Surrogate: Decachlorobiphenyl	0.123		ug/g		104	60-140			
<b>Physical Characteristics</b>									
% Solids	89.9	0.1	% by Wt.	90.8			0.9	25	
<b>Semi-Volatiles</b>									
Acenaphthene	ND	0.02	ug/g	ND			NC	40	
Acenaphthylene	ND	0.02	ug/g	ND			NC	40	
Anthracene	ND	0.02	ug/g	ND			NC	40	
Benzo [a] anthracene	0.036	0.02	ug/g	0.050			32.4	40	
Benzo [a] pyrene	0.052	0.02	ug/g	0.075			37.2	40	

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Benzo [b] fluoranthene	0.055	0.02	ug/g	0.083			NC	40	
Benzo [g,h,i] perylene	0.039	0.02	ug/g	0.061			NC	40	
Benzo [k] fluoranthene	0.025	0.02	ug/g	0.044			NC	40	
Chrysene	0.055	0.02	ug/g	0.062			11.7	40	
Dibenzo [a,h] anthracene	ND	0.02	ug/g	ND			NC	40	
Fluoranthene	0.074	0.02	ug/g	0.089			18.3	40	
Fluorene	ND	0.02	ug/g	ND			NC	40	
Indeno [1,2,3-cd] pyrene	0.034	0.02	ug/g	0.052			NC	40	
1-Methylnaphthalene	ND	0.02	ug/g	ND			NC	40	
2-Methylnaphthalene	ND	0.02	ug/g	ND			NC	40	
Naphthalene	ND	0.01	ug/g	ND			NC	40	
Phenanthrene	0.030	0.02	ug/g	0.031			1.7	40	
Pyrene	0.071	0.02	ug/g	0.088			21.5	40	
Surrogate: 2-Fluorobiphenyl	1.33		ug/g		76.3	50-140			
Surrogate: Terphenyl-d14	1.70		ug/g		97.6	50-140			
<b>Volatiles</b>									
Acetone	ND	0.50	ug/g	ND			NC	50	
Benzene	ND	0.02	ug/g	ND			NC	50	
Bromodichloromethane	ND	0.05	ug/g	ND			NC	50	
Bromoform	ND	0.05	ug/g	ND			NC	50	
Bromomethane	ND	0.05	ug/g	ND			NC	50	
Carbon Tetrachloride	ND	0.05	ug/g	ND			NC	50	
Chlorobenzene	ND	0.05	ug/g	ND			NC	50	
Chloroform	ND	0.05	ug/g	ND			NC	50	
Dibromochloromethane	ND	0.05	ug/g	ND			NC	50	
Dichlorodifluoromethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,3-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,4-Dichlorobenzene	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
cis-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
trans-1,2-Dichloroethylene	ND	0.05	ug/g	ND			NC	50	
1,2-Dichloropropane	ND	0.05	ug/g	ND			NC	50	
cis-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
trans-1,3-Dichloropropylene	ND	0.05	ug/g	ND			NC	50	
Ethylbenzene	ND	0.05	ug/g	ND			NC	50	
Ethylene dibromide (dibromoethane, 1,2-	ND	0.05	ug/g	ND			NC	50	
Hexane	ND	0.05	ug/g	ND			NC	50	
Methyl Ethyl Ketone (2-Butanone)	ND	0.50	ug/g	ND			NC	50	

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Methyl Isobutyl Ketone	ND	0.50	ug/g	ND			NC	50	
Methyl tert-butyl ether	ND	0.05	ug/g	ND			NC	50	
Methylene Chloride	ND	0.05	ug/g	ND			NC	50	
Styrene	ND	0.05	ug/g	ND			NC	50	
1,1,1,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2,2-Tetrachloroethane	ND	0.05	ug/g	ND			NC	50	
Tetrachloroethylene	ND	0.05	ug/g	ND			NC	50	
Toluene	ND	0.05	ug/g	ND			NC	50	
1,1,1-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
1,1,2-Trichloroethane	ND	0.05	ug/g	ND			NC	50	
Trichloroethylene	ND	0.05	ug/g	ND			NC	50	
Trichlorofluoromethane	ND	0.05	ug/g	ND			NC	50	
Vinyl chloride	ND	0.02	ug/g	ND			NC	50	
m,p-Xylenes	ND	0.05	ug/g	ND			NC	50	
o-Xylene	ND	0.05	ug/g	ND			NC	50	
Surrogate: 4-Bromofluorobenzene	9.79		ug/g		112	50-140			
Surrogate: Dibromofluoromethane	9.53		ug/g		109	50-140			
Surrogate: Toluene-d8	9.41		ug/g		108	50-140			

Certificate of Analysis  
Client: Wood Environment & Infrastructure (Thorold)  
Client PO:

Report Date: 31-Dec-2020  
Order Date: 22-Dec-2020

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	215	7	ug/g	ND	108	80-120			
F2 PHCs (C10-C16)	80	4	ug/g	ND	91.2	60-140			
F3 PHCs (C16-C34)	242	8	ug/g	ND	112	60-140			
F4 PHCs (C34-C50)	145	6	ug/g	ND	106	60-140			
<b>Metals</b>									
Antimony	44.7	1.0	ug/g	ND	89.2	70-130			
Arsenic	49.1	1.0	ug/g	2.4	93.4	70-130			
Barium	63.0	1.0	ug/g	20.0	86.0	70-130			
Beryllium	48.2	0.5	ug/g	ND	95.9	70-130			
Boron	45.8	5.0	ug/g	ND	88.5	70-130			
Cadmium	44.2	0.5	ug/g	ND	88.4	70-130			
Chromium	56.8	5.0	ug/g	11.0	91.7	70-130			
Cobalt	48.0	1.0	ug/g	3.4	89.2	70-130			
Copper	49.3	5.0	ug/g	5.3	88.2	70-130			
Lead	48.3	1.0	ug/g	5.2	86.2	70-130			
Molybdenum	47.3	1.0	ug/g	ND	93.3	70-130			
Nickel	52.6	5.0	ug/g	7.2	90.9	70-130			
Selenium	45.6	1.0	ug/g	ND	90.8	70-130			
Silver	41.3	0.3	ug/g	ND	82.4	70-130			
Thallium	43.7	1.0	ug/g	ND	87.2	70-130			
Uranium	45.6	1.0	ug/g	ND	90.6	70-130			
Vanadium	60.4	10.0	ug/g	14.8	91.2	70-130			
Zinc	57.2	20.0	ug/g	ND	85.1	70-130			
<b>PCBs</b>									
PCBs, total	0.467	0.05	ug/g	ND	98.6	60-140			
Surrogate: Decachlorobiphenyl	0.127		ug/g		107	60-140			
<b>Semi-Volatiles</b>									
Acenaphthene	0.178	0.02	ug/g	ND	81.5	50-140			
Acenaphthylene	0.177	0.02	ug/g	ND	81.2	50-140			
Anthracene	0.187	0.02	ug/g	ND	86.0	50-140			
Benzo [a] anthracene	0.203	0.02	ug/g	0.050	70.3	50-140			
Benzo [a] pyrene	0.242	0.02	ug/g	0.075	76.7	50-140			
Benzo [b] fluoranthene	0.292	0.02	ug/g	0.083	95.6	50-140			

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Benzo [g,h,i] perylene	0.220	0.02	ug/g	0.061	73.0	50-140			
Benzo [k] fluoranthene	0.226	0.02	ug/g	0.044	83.2	50-140			
Chrysene	0.264	0.02	ug/g	0.062	92.8	50-140			
Dibenzo [a,h] anthracene	0.172	0.02	ug/g	ND	79.0	50-140			
Fluoranthene	0.275	0.02	ug/g	0.089	85.5	50-140			
Fluorene	0.167	0.02	ug/g	ND	76.8	50-140			
Indeno [1,2,3-cd] pyrene	0.213	0.02	ug/g	0.052	74.1	50-140			
1-Methylnaphthalene	0.184	0.02	ug/g	ND	84.6	50-140			
2-Methylnaphthalene	0.200	0.02	ug/g	ND	91.7	50-140			
Naphthalene	0.205	0.01	ug/g	ND	94.2	50-140			
Phenanthrene	0.194	0.02	ug/g	0.031	75.0	50-140			
Pyrene	0.280	0.02	ug/g	0.088	87.9	50-140			
Surrogate: 2-Fluorobiphenyl	1.37		ug/g		78.5	50-140			
Surrogate: Terphenyl-d14	1.72		ug/g		98.4	50-140			
<b>Volatiles</b>									
Acetone	13.7	0.50	ug/g	ND	137	50-140			
Benzene	4.66	0.02	ug/g	ND	116	60-130			
Bromodichloromethane	4.75	0.05	ug/g	ND	119	60-130			
Bromoform	2.84	0.05	ug/g	ND	71.0	60-130			
Bromomethane	4.87	0.05	ug/g	ND	122	50-140			
Carbon Tetrachloride	4.63	0.05	ug/g	ND	116	60-130			
Chlorobenzene	4.37	0.05	ug/g	ND	109	60-130			
Chloroform	4.05	0.05	ug/g	ND	101	60-130			
Dibromochloromethane	4.70	0.05	ug/g	ND	117	60-130			
Dichlorodifluoromethane	4.49	0.05	ug/g	ND	112	50-140			
1,2-Dichlorobenzene	4.11	0.05	ug/g	ND	103	60-130			
1,3-Dichlorobenzene	4.33	0.05	ug/g	ND	108	60-130			
1,4-Dichlorobenzene	4.25	0.05	ug/g	ND	106	60-130			
1,1-Dichloroethane	4.17	0.05	ug/g	ND	104	60-130			
1,2-Dichloroethane	3.92	0.05	ug/g	ND	97.9	60-130			
1,1-Dichloroethylene	4.69	0.05	ug/g	ND	117	60-130			
cis-1,2-Dichloroethylene	4.20	0.05	ug/g	ND	105	60-130			
trans-1,2-Dichloroethylene	4.35	0.05	ug/g	ND	109	60-130			
1,2-Dichloropropane	4.40	0.05	ug/g	ND	110	60-130			
cis-1,3-Dichloropropylene	3.61	0.05	ug/g	ND	90.4	60-130			

Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
trans-1,3-Dichloropropylene	3.37	0.05	ug/g	ND	84.1	60-130			
Ethylbenzene	4.48	0.05	ug/g	ND	112	60-130			
Ethylene dibromide (dibromoethane, 1,2-	4.43	0.05	ug/g	ND	111	60-130			
Hexane	4.79	0.05	ug/g	ND	120	60-130			
Methyl Ethyl Ketone (2-Butanone)	9.93	0.50	ug/g	ND	99.3	50-140			
Methyl Isobutyl Ketone	8.29	0.50	ug/g	ND	82.9	50-140			
Methyl tert-butyl ether	9.94	0.05	ug/g	ND	99.4	50-140			
Methylene Chloride	4.48	0.05	ug/g	ND	112	60-130			
Styrene	3.53	0.05	ug/g	ND	88.2	60-130			
1,1,1,2-Tetrachloroethane	4.96	0.05	ug/g	ND	124	60-130			
1,1,2,2-Tetrachloroethane	3.48	0.05	ug/g	ND	87.1	60-130			
Tetrachloroethylene	3.54	0.05	ug/g	ND	88.5	60-130			
Toluene	4.50	0.05	ug/g	ND	113	60-130			
1,1,1-Trichloroethane	4.71	0.05	ug/g	ND	118	60-130			
1,1,2-Trichloroethane	4.15	0.05	ug/g	ND	104	60-130			
Trichloroethylene	4.24	0.05	ug/g	ND	106	60-130			
Trichlorofluoromethane	4.75	0.05	ug/g	ND	119	50-140			
Vinyl chloride	5.16	0.02	ug/g	ND	129	50-140			
m,p-Xylenes	8.18	0.05	ug/g	ND	102	60-130			
o-Xylene	4.09	0.05	ug/g	ND	102	60-130			
Surrogate: 4-Bromofluorobenzene	8.67		ug/g		108	50-140			
Surrogate: Dibromofluoromethane	8.10		ug/g		101	50-140			
Surrogate: Toluene-d8	8.36		ug/g		105	50-140			



Certificate of Analysis

Report Date: 31-Dec-2020

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 22-Dec-2020

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

QC Qualifiers :

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

Soil/Solid results are reported on a dry weight basis unless otherwise indicated

Where %Solids is reported, moisture loss includes the loss of volatile hydrocarbons.

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.



Laurent Blvd  
P.O. K1G 4J8  
1947  
paracellabs.com  
labs.com

Paracel Order Number (Lab Use Only)	Chain Of Custody (Lab Use Only)
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Client Name: Wood	Project Ref: OESAM2008/2000	Page 1 of 1
Contact Name: Kelly Patterson	Quote #: 20-513	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: 110 James Street, St. Catharines, ON L2R 7E8	PO #:	
Telephone: 906-687-6616	E-mail: kelly.patterson@woodplc.com	
		Date Required: _____

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis																
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Sample Taken	Date	Time	ICP Metals	EC	SAR	pH	PHCs (F1-F4)	VOCs	BTEX	PAHs	PCBs						
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA																		
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm																		
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____																		
Sample ID/Location Name		Matrix	Air Volume	# of Containers																		
1	BH-07-2-D	S		2	Dec. 21/20	9:40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>												
2	BH-07-3-C	S		1	Dec. 21/20	9:25									<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
3	BH-07-4-D	S		2	Dec. 21/20	9:30					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
4	BH-07-5-C	S		1	Dec. 21/20	9:35																
5	BH-07-6-D	S		2	Dec. 21/20	9:55				<input checked="" type="checkbox"/>												
6	Dup BB	S		2	Dec. 21/20	-																
7																						
8																						
9																						
10																						

Comments: Governed by the T/C of SNA07-003. Please hold remaining samples for potential future analysis.		Method of Delivery: <i>DRUG BOX</i>	
Relinquished By (Sign): <i>kelly.patterson</i> <small>Digitally signed by kelly.patterson Date: 2020.12.21 18:14:58 +09'00'</small>	Received By Driver/Depot:	Received at Lab: <i>Suneepporn Bohmai</i>	Verified By: <i>BE</i>
Relinquished By (Print): Kelly Patterson	Date/Time:	Date/Time: <i>DEC 22, 2020 10:50</i>	Date/Time: <i>Dec 22, 20 11:33</i>
Date/Time: Dec. 21/20 @ 12:15	Temperature: °C	Temperature: <i>8.3</i>	pH Verified: <input type="checkbox"/> By:



Client Name: <b>Wood Kelly Patterson</b>	Project Ref: <b>ORIAM 2008/2000</b>	Page <u>1</u> of <u>1</u>
Contact Name: <b>Kelly Patterson</b>	Quote #: <b>20-513</b>	<b>Turnaround Time</b> <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular Date Required: _____
Address: <del>5300 Merrittville Hwy</del> <b>110 James St, Suite 301</b> <b>St. Catharines, ON L2R 7P8</b>	PO #:	
Telephone: <b>905-687-6616</b>	E-mail: <b>kelly.patterson@woodplc.com</b>	

Regulation 153/04		Other Regulation		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis													
<input checked="" type="checkbox"/> Table 1	<input type="checkbox"/> Res/Park	<input checked="" type="checkbox"/> Med/Fine	<input type="checkbox"/> REG 558	<input type="checkbox"/> PWQO	Matrix	Air Volume	# of Containers	Sample Taken		PHCs F1-F4+BTEX	VOCs	PAHs	Metals by ICP			CrVI	B (HWS)	EC, SAR, pH	PCB
<input type="checkbox"/> Table 2	<input checked="" type="checkbox"/> Ind/Comm	<input type="checkbox"/> Coarse	<input type="checkbox"/> CCME	<input type="checkbox"/> MISA									Hg						
<input type="checkbox"/> Table 3	<input type="checkbox"/> Agri/Other		<input type="checkbox"/> SU - Sani	<input type="checkbox"/> SU - Storm															
For RSC: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Mun: _____		Other: _____															
Sample ID/Location Name																			
1	BH-07-2-D	S	2	Dec 21/20	11:00														
2	BH-07-3-C	↓	1	↓	11:05														
3	BH-07-4-D	↓	2	↓	11:10														
4	BH-07-5-C	↓	1	↓	11:15														
5	BH-07-6-D	↓	2	↓	11:20														
6	Dup BB		2		-														
7																			
8																			
9																			
10																			

Comments: <b>covered by the TIC of 2007-003.</b> <b>Please hold remaining samples for potential future analysis.</b>			Method of Delivery: <b>drop box</b>		
Relinquished By (Sign): <b>Brian H</b>	Received By Driver/Depot:	Received at Lab: <b>Shreeparn Dohmar</b>	Verified By: <b>Brian</b>		
Relinquished By (Print): <b>Brian H</b>	Date/Time: _____	Date/Time: <b>DEC 22, 2020 10:50</b>	Date/Time: <b>Dec 22, 2020 11:37</b>		
Date/Time: <b>Dec. 21/20 @ 12:15</b>	Temperature: <b>8.3</b> °C	Temperature: <b>8.3</b> °C	pH Verified: <input type="checkbox"/>	By: <b>NA.</b>	

## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO:  
Project: OESAM2008/2000  
Custody: 56363

Report Date: 19-Jan-2021  
Order Date: 13-Jan-2021

**Order #: 2103308**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
2103308-01	BH-P01
2103308-02	BH-P02
2103308-03	Dup WA

Approved By:



Alex Enfield, MSc  
Lab Manager

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
PHC F1	CWS Tier 1 - P&T GC-FID	15-Jan-21	18-Jan-21
PHCs F2 to F4	CWS Tier 1 - GC-FID, extraction	18-Jan-21	19-Jan-21
REG 153: Metals by ICP/MS, water	EPA 200.8, ICP-MS	15-Jan-21	15-Jan-21
REG 153: VOCs by P&T GC-MS	EPA 624 - P&T GC-MS	15-Jan-21	18-Jan-21

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

## Summary of Exceedances

(If this page is blank then there are no exceedances)

Only those criteria that a sample exceeds will be highlighted in red

**Regulatory Comparison:**

Paracel Laboratories has provided regulatory guidelines on this report for informational purposes only and makes no representations or warranties that the data is accurate or reflects the current regulatory values. The user is advised to consult with the appropriate official regulations to evaluate compliance. Sample results that are highlighted have exceeded the selected regulatory limit. Calculated uncertainty estimations have not been applied for determining regulatory exceedances. Regulatory limits displayed in brackets, (), applies to medium and fine textured soils.

**Criteria:**

Client ID	Analyte	MDL / Units	Result	Reg 153/04 (2011)-Table 1 Groundwater
BH-P01	Uranium	0.2 ug/L	24.6	8.9 ug/L
BH-P02	Silver	0.2 ug/L	0.4	0.3 ug/L
Dup WA	Silver	0.2 ug/L	0.4	0.3 ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater
Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-	
Sample ID:	2103308-01	2103308-02	2103308-03	-	
Matrix:	Water	Water	Water	-	
MDL/Units					

Metals						
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	-	1.5 ug/L
Arsenic	1.0 ug/L	<1.0	1.2	1.2	-	13 ug/L
Barium	1.0 ug/L	45.3	83.4	81.8	-	610 ug/L
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Boron	10.0 ug/L	225	161	157	-	1,700 ug/L
Cadmium	0.2 ug/L	<0.2	<0.2	<0.2	-	0.5 ug/L
Chromium	1.0 ug/L	<1.0	<1.0	<1.0	-	11 ug/L
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	-	3.8 ug/L
Copper	0.5 ug/L	2.9	1.1	2.8	-	5 ug/L
Lead	0.2 ug/L	<0.2	<0.2	<0.2	-	1.9 ug/L
Molybdenum	0.5 ug/L	6.3	10.4	10.5	-	23 ug/L
Nickel	1.0 ug/L	<1.0	1.5	1.5	-	14 ug/L
Selenium	1.0 ug/L	<1.0	<1.0	<1.0	-	5 ug/L
Silver	0.2 ug/L	<0.2	0.4	0.4	-	0.3 ug/L
Thallium	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Uranium	0.2 ug/L	24.6	6.6	6.4	-	8.9 ug/L
Vanadium	0.5 ug/L	1.1	1.2	1.3	-	3.9 ug/L
Zinc	5.0 ug/L	<5.0	24.7	25.2	-	160 ug/L

Volatiles						
Acetone	5.0 ug/L	<5.0	<5.0	<5.0	-	2,700 ug/L
Benzene	0.5 ug/L	<0.5	<0.5	<0.5	-	0.5 ug/L
Bromodichloromethane	0.5 ug/L	<0.5	<0.5	<0.5	-	2 ug/L
Bromoform	0.5 ug/L	<0.5	<0.5	<0.5	-	5 ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater	
		Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-		
		Sample ID:	2103308-01	2103308-02	2103308-03	-		
		Matrix:	Water	Water	Water	-		
Bromomethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.89	ug/L
Carbon Tetrachloride	0.2 ug/L		<0.2	<0.2	<0.2	-	0.2	ug/L
Chlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Chloroform	0.5 ug/L		<0.5	<0.5	<0.5	-	2	ug/L
Dibromochloromethane	0.5 ug/L		<0.5	<0.5	<0.5	-	2	ug/L
Dichlorodifluoromethane	1.0 ug/L		<1.0	<1.0	<1.0	-	590	ug/L
1,2-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,3-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,4-Dichlorobenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1-Dichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,2-Dichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
cis-1,2-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	1.6	ug/L
trans-1,2-Dichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	1.6	ug/L
1,2-Dichloropropane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
cis-1,3-Dichloropropylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
trans-1,3-Dichloropropylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
1,3-Dichloropropene, total	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Ethylbenzene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Ethylene dibromide (dibromoethane)	0.2 ug/L		<0.2	<0.2	<0.2	-	0.2	ug/L
Hexane	1.0 ug/L		<1.0	<1.0	<1.0	-	5	ug/L
Methyl Ethyl Ketone (2-Butanone)	5.0 ug/L		<5.0	<5.0	<5.0	-	400	ug/L
Methyl Isobutyl Ketone	5.0 ug/L		<5.0	<5.0	<5.0	-	640	ug/L



Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

	MDL/Units	Client ID:	BH-P01	BH-P02	Dup WA	-	Criteria: Reg 153/04 (2011)-Table 1 Groundwater	
		Sample Date:	13-Jan-2021	13-Jan-2021	13-Jan-2021	-		
		Sample ID:	2103308-01	2103308-02	2103308-03	-		
		Matrix:	Water	Water	Water	-		
Methyl tert-butyl ether	2.0 ug/L		<2.0	<2.0	<2.0	-	15	ug/L
Methylene Chloride	5.0 ug/L		<5.0	<5.0	<5.0	-	5	ug/L
Styrene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1,1,2-Tetrachloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	1.1	ug/L
1,1,2,2-Tetrachloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Tetrachloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Toluene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.8	ug/L
1,1,1-Trichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
1,1,2-Trichloroethane	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Trichloroethylene	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
Trichlorofluoromethane	1.0 ug/L		<1.0	<1.0	<1.0	-	150	ug/L
Vinyl chloride	0.5 ug/L		<0.5	<0.5	<0.5	-	0.5	ug/L
m,p-Xylenes	0.5 ug/L		<0.5	<0.5	<0.5	-		
o-Xylene	0.5 ug/L		<0.5	<0.5	<0.5	-		
Xylenes, total	0.5 ug/L		<0.5	<0.5	<0.5	-	72	ug/L
4-Bromofluorobenzene	Surrogate		98.3%	102%	99.6%	-		
Dibromofluoromethane	Surrogate		73.9%	73.1%	76.0%	-		
Toluene-d8	Surrogate		108%	108%	109%	-		
<b>Hydrocarbons</b>								
F1 PHCs (C6-C10)	25 ug/L		<25	<25	<25	-	420	ug/L
F2 PHCs (C10-C16)	100 ug/L		<100	<100	<100	-	150	ug/L
F3 PHCs (C16-C34)	100 ug/L		<100	<100	<100	-	500	ug/L
F4 PHCs (C34-C50)	100 ug/L		<100	<100	<100	-	500	ug/L

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
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**Hydrocarbons**

F1 PHCs (C6-C10)	ND	25	ug/L						
F2 PHCs (C10-C16)	ND	100	ug/L						
F3 PHCs (C16-C34)	ND	100	ug/L						
F4 PHCs (C34-C50)	ND	100	ug/L						

**Metals**

Antimony	ND	0.5	ug/L						
Arsenic	ND	1.0	ug/L						
Barium	ND	1.0	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10.0	ug/L						
Cadmium	ND	0.2	ug/L						
Chromium	ND	1.0	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Lead	ND	0.2	ug/L						
Molybdenum	ND	0.5	ug/L						
Nickel	ND	1.0	ug/L						
Selenium	ND	1.0	ug/L						
Silver	ND	0.2	ug/L						
Thallium	ND	0.5	ug/L						
Uranium	ND	0.2	ug/L						
Vanadium	ND	0.5	ug/L						
Zinc	ND	5.0	ug/L						

**Volatiles**

Acetone	ND	5.0	ug/L						
Benzene	ND	0.5	ug/L						
Bromodichloromethane	ND	0.5	ug/L						
Bromoform	ND	0.5	ug/L						
Bromomethane	ND	0.5	ug/L						
Carbon Tetrachloride	ND	0.2	ug/L						
Chlorobenzene	ND	0.5	ug/L						
Chloroform	ND	0.5	ug/L						
Dibromochloromethane	ND	0.5	ug/L						
Dichlorodifluoromethane	ND	1.0	ug/L						
1,2-Dichlorobenzene	ND	0.5	ug/L						
1,3-Dichlorobenzene	ND	0.5	ug/L						
1,4-Dichlorobenzene	ND	0.5	ug/L						
1,1-Dichloroethane	ND	0.5	ug/L						
1,2-Dichloroethane	ND	0.5	ug/L						
1,1-Dichloroethylene	ND	0.5	ug/L						

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
cis-1,2-Dichloroethylene	ND	0.5	ug/L						
trans-1,2-Dichloroethylene	ND	0.5	ug/L						
1,2-Dichloropropane	ND	0.5	ug/L						
cis-1,3-Dichloropropylene	ND	0.5	ug/L						
trans-1,3-Dichloropropylene	ND	0.5	ug/L						
1,3-Dichloropropene, total	ND	0.5	ug/L						
Ethylbenzene	ND	0.5	ug/L						
Ethylene dibromide (dibromoethane, 1,2-	ND	0.2	ug/L						
Hexane	ND	1.0	ug/L						
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L						
Methyl Isobutyl Ketone	ND	5.0	ug/L						
Methyl tert-butyl ether	ND	2.0	ug/L						
Methylene Chloride	ND	5.0	ug/L						
Styrene	ND	0.5	ug/L						
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L						
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L						
Tetrachloroethylene	ND	0.5	ug/L						
Toluene	ND	0.5	ug/L						
1,1,1-Trichloroethane	ND	0.5	ug/L						
1,1,2-Trichloroethane	ND	0.5	ug/L						
Trichloroethylene	ND	0.5	ug/L						
Trichlorofluoromethane	ND	1.0	ug/L						
Vinyl chloride	ND	0.5	ug/L						
m,p-Xylenes	ND	0.5	ug/L						
o-Xylene	ND	0.5	ug/L						
Xylenes, total	ND	0.5	ug/L						
Surrogate: 4-Bromofluorobenzene	81.2		ug/L		101	50-140			
Surrogate: Dibromofluoromethane	59.3		ug/L		74.1	50-140			
Surrogate: Toluene-d8	86.6		ug/L		108	50-140			

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	ND	25	ug/L	ND			NC	30	
<b>Metals</b>									
Antimony	ND	0.5	ug/L	ND			NC	20	
Arsenic	ND	1.0	ug/L	ND			NC	20	
Barium	45.0	1.0	ug/L	45.3			0.6	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	219	100	ug/L	225			2.8	20	
Cadmium	ND	0.2	ug/L	ND			NC	20	
Chromium	ND	1.0	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	3.1	0.5	ug/L	2.9			5.9	20	
Lead	ND	0.2	ug/L	ND			NC	20	
Molybdenum	6.8	0.5	ug/L	6.3			6.5	20	
Nickel	1.0	1.0	ug/L	ND			NC	20	
Selenium	ND	1.0	ug/L	ND			NC	20	
Silver	ND	0.2	ug/L	ND			NC	20	
Thallium	ND	0.5	ug/L	ND			NC	20	
Uranium	24.8	0.2	ug/L	24.6			0.7	20	
Vanadium	1.2	0.5	ug/L	1.1			4.8	20	
Zinc	ND	5.0	ug/L	ND			NC	20	
<b>Volatiles</b>									
Acetone	ND	5.0	ug/L	ND			NC	30	
Benzene	ND	0.5	ug/L	ND			NC	30	
Bromodichloromethane	ND	0.5	ug/L	ND			NC	30	
Bromoform	ND	0.5	ug/L	ND			NC	30	
Bromomethane	ND	0.5	ug/L	ND			NC	30	
Carbon Tetrachloride	ND	0.2	ug/L	ND			NC	30	
Chlorobenzene	ND	0.5	ug/L	ND			NC	30	
Chloroform	ND	0.5	ug/L	ND			NC	30	
Dibromochloromethane	ND	0.5	ug/L	ND			NC	30	
Dichlorodifluoromethane	ND	1.0	ug/L	ND			NC	30	
1,2-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,3-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,4-Dichlorobenzene	ND	0.5	ug/L	ND			NC	30	
1,1-Dichloroethane	ND	0.5	ug/L	ND			NC	30	
1,2-Dichloroethane	ND	0.5	ug/L	ND			NC	30	
1,1-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	
cis-1,2-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	
trans-1,2-Dichloroethylene	ND	0.5	ug/L	ND			NC	30	

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
1,2-Dichloropropane	ND	0.5	ug/L	ND			NC	30	
cis-1,3-Dichloropropylene	ND	0.5	ug/L	ND			NC	30	
trans-1,3-Dichloropropylene	ND	0.5	ug/L	ND			NC	30	
Ethylbenzene	ND	0.5	ug/L	ND			NC	30	
Ethylene dibromide (dibromoethane, 1,2-	ND	0.2	ug/L	ND			NC	30	
Hexane	ND	1.0	ug/L	ND			NC	30	
Methyl Ethyl Ketone (2-Butanone)	ND	5.0	ug/L	ND			NC	30	
Methyl Isobutyl Ketone	ND	5.0	ug/L	ND			NC	30	
Methyl tert-butyl ether	ND	2.0	ug/L	ND			NC	30	
Methylene Chloride	ND	5.0	ug/L	ND			NC	30	
Styrene	ND	0.5	ug/L	ND			NC	30	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	ND			NC	30	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	ND			NC	30	
Tetrachloroethylene	ND	0.5	ug/L	ND			NC	30	
Toluene	ND	0.5	ug/L	ND			NC	30	
1,1,1-Trichloroethane	ND	0.5	ug/L	ND			NC	30	
1,1,2-Trichloroethane	ND	0.5	ug/L	ND			NC	30	
Trichloroethylene	ND	0.5	ug/L	ND			NC	30	
Trichlorofluoromethane	ND	1.0	ug/L	ND			NC	30	
Vinyl chloride	ND	0.5	ug/L	ND			NC	30	
m,p-Xylenes	ND	0.5	ug/L	ND			NC	30	
o-Xylene	ND	0.5	ug/L	ND			NC	30	
Surrogate: 4-Bromofluorobenzene	80.5		ug/L		101	50-140			
Surrogate: Dibromofluoromethane	58.1		ug/L		72.7	50-140			
Surrogate: Toluene-d8	86.8		ug/L		109	50-140			

Certificate of Analysis  
Client: **Wood Environment & Infrastructure (Thorold)**  
Client PO:

Report Date: 19-Jan-2021  
Order Date: 13-Jan-2021

Project Description: **OESAM2008/2000**

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Hydrocarbons</b>									
F1 PHCs (C6-C10)	690	25	ug/L	ND	97.6	68-117			
F2 PHCs (C10-C16)	1480	100	ug/L	ND	89.8	60-140			
F3 PHCs (C16-C34)	3350	100	ug/L	ND	90.3	60-140			
F4 PHCs (C34-C50)	2330	100	ug/L	ND	87.4	60-140			
<b>Metals</b>									
Antimony	52.6	0.5	ug/L	ND	105	70-130			
Arsenic	60.6	1.0	ug/L	ND	121	70-130			
Barium	93.8	1.0	ug/L	45.3	97.1	70-130			
Beryllium	48.8	0.5	ug/L	ND	97.6	70-130			
Boron	241	10.0	ug/L	225	32.7	70-130			QM-4X
Cadmium	47.4	0.2	ug/L	ND	94.8	70-130			
Chromium	48.9	1.0	ug/L	ND	97.7	70-130			
Cobalt	46.4	0.5	ug/L	ND	92.7	70-130			
Copper	49.0	0.5	ug/L	2.9	92.1	70-130			
Lead	46.7	0.2	ug/L	ND	93.4	70-130			
Molybdenum	58.0	0.5	ug/L	6.3	103	70-130			
Nickel	46.5	1.0	ug/L	ND	93.0	70-130			
Selenium	63.7	1.0	ug/L	ND	127	70-130			
Silver	35.7	0.2	ug/L	ND	71.5	70-130			
Thallium	47.0	0.5	ug/L	ND	93.9	70-130			
Uranium	74.7	0.2	ug/L	24.6	100	70-130			
Vanadium	51.9	0.5	ug/L	1.1	101	70-130			
Zinc	57.7	5.0	ug/L	ND	115	70-130			
<b>Volatiles</b>									
Acetone	129	5.0	ug/L	ND	132	50-140			
Benzene	42.4	0.5	ug/L	ND	105	50-140			
Bromodichloromethane	38.8	0.5	ug/L	ND	96.5	50-140			
Bromoform	40.3	0.5	ug/L	ND	100	50-140			
Bromomethane	39.5	0.5	ug/L	ND	98.8	50-140			
Carbon Tetrachloride	38.7	0.2	ug/L	ND	96.7	50-140			
Chlorobenzene	39.7	0.5	ug/L	ND	98.8	50-140			
Chloroform	39.3	0.5	ug/L	ND	97.7	50-140			
Dibromochloromethane	40.3	0.5	ug/L	ND	101	50-140			

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Dichlorodifluoromethane	40.6	1.0	ug/L	ND	102	50-140			
1,2-Dichlorobenzene	40.8	0.5	ug/L	ND	102	50-140			
1,3-Dichlorobenzene	40.5	0.5	ug/L	ND	101	50-140			
1,4-Dichlorobenzene	40.3	0.5	ug/L	ND	100	50-140			
1,1-Dichloroethane	37.4	0.5	ug/L	ND	93.6	50-140			
1,2-Dichloroethane	41.4	0.5	ug/L	ND	103	50-140			
1,1-Dichloroethylene	34.5	0.5	ug/L	ND	86.2	50-140			
cis-1,2-Dichloroethylene	36.7	0.5	ug/L	ND	91.3	50-140			
trans-1,2-Dichloroethylene	36.8	0.5	ug/L	ND	91.6	50-140			
1,2-Dichloropropane	40.7	0.5	ug/L	ND	102	50-140			
cis-1,3-Dichloropropylene	40.3	0.5	ug/L	ND	101	50-140			
trans-1,3-Dichloropropylene	40.6	0.5	ug/L	ND	101	50-140			
Ethylbenzene	41.0	0.5	ug/L	ND	102	50-140			
Ethylene dibromide (dibromoethane, 1,2-)	39.9	0.2	ug/L	ND	99.2	50-140			
Hexane	36.2	1.0	ug/L	ND	90.5	50-140			
Methyl Ethyl Ketone (2-Butanone)	118	5.0	ug/L	ND	115	50-140			
Methyl Isobutyl Ketone	133	5.0	ug/L	ND	136	50-140			
Methyl tert-butyl ether	102	2.0	ug/L	ND	102	50-140			
Methylene Chloride	41.3	5.0	ug/L	ND	103	50-140			
Styrene	41.2	0.5	ug/L	ND	102	50-140			
1,1,1,2-Tetrachloroethane	40.5	0.5	ug/L	ND	101	50-140			
1,1,2,2-Tetrachloroethane	42.9	0.5	ug/L	ND	107	50-140			
Tetrachloroethylene	39.9	0.5	ug/L	ND	99.4	50-140			
Toluene	41.4	0.5	ug/L	ND	104	50-140			
1,1,1-Trichloroethane	36.9	0.5	ug/L	ND	92.2	50-140			
1,1,2-Trichloroethane	41.2	0.5	ug/L	ND	102	50-140			
Trichloroethylene	40.8	0.5	ug/L	ND	101	50-140			
Trichlorofluoromethane	36.2	1.0	ug/L	ND	90.4	50-140			
Vinyl chloride	38.6	0.5	ug/L	ND	96.4	50-140			
m,p-Xylenes	81.4	0.5	ug/L	ND	102	50-140			
o-Xylene	40.6	0.5	ug/L	ND	101	50-140			
Surrogate: 4-Bromofluorobenzene	82.5		ug/L		103	50-140			
Surrogate: Dibromofluoromethane	83.1		ug/L		104	50-140			
Surrogate: Toluene-d8	82.3		ug/L		103	50-140			

Certificate of Analysis

Report Date: 19-Jan-2021

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-Jan-2021

Client PO:

Project Description: OESAM2008/2000

**Qualifier Notes:**

**QC Qualifiers :**

QM-4X : The spike recovery was outside of QC acceptance limits due to elevated analyte concentration.

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated

*CCME PHC additional information:*

- The method for the analysis of PHCs complies with the Reference Method for the CWS PHC and is validated for use in the laboratory. All prescribed quality criteria identified in the method has been met.
- F1 range corrected for BTEX.
- F2 to F3 ranges corrected for appropriate PAHs where available.
- The gravimetric heavy hydrocarbons (F4G) are not to be added to C6 to C50 hydrocarbons.
- In the case where F4 and F4G are both reported, the greater of the two results is to be used for comparison to CWS PHC criteria.
- When reported, data for F4G has been processed using a silica gel cleanup.

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.





## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00  
Project: OESAM2008.6000  
Custody: 65018

Report Date: 19-May-2022  
Order Date: 13-May-2022

**Order #: 2221025**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID
2221025-01	BH-P01
2221025-02	BH-P02
2221025-03	DUP-GW

Approved By:



Milan Ralitsch, PhD  
Senior Technical Manager

Any use of these results implies your agreement that our total liability in connection with this work, however arising, shall be limited to the amount paid by you for this work, and that our employees or agents shall not under any circumstances be liable to you in connection with this work.

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

### Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 200.8 - ICP-MS	18-May-22	18-May-22

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

<b>Client ID:</b>	BH-P01	BH-P02	DUP-GW	-
<b>Sample Date:</b>	13-May-22 10:20	13-May-22 10:20	13-May-22 10:20	-
<b>Sample ID:</b>	2221025-01	2221025-02	2221025-03	-
<b>MDL/Units</b>	Ground Water	Ground Water	Ground Water	-

**Metals**

	MDL/Units	BH-P01	BH-P02	DUP-GW	
Antimony	0.5 ug/L	<0.5	<0.5	<0.5	-
Arsenic	1 ug/L	<1	2	<1	-
Barium	1 ug/L	32	46	33	-
Beryllium	0.5 ug/L	<0.5	<0.5	<0.5	-
Boron	10 ug/L	129	107	128	-
Cadmium	0.1 ug/L	<0.1	<0.1	<0.1	-
Chromium	1 ug/L	<1	<1	<1	-
Cobalt	0.5 ug/L	<0.5	<0.5	<0.5	-
Copper	0.5 ug/L	1.0	1.3	0.9	-
Lead	0.1 ug/L	<0.1	<0.1	<0.1	-
Molybdenum	0.5 ug/L	5.9	4.4	5.7	-
Nickel	1 ug/L	<1	<1	3	-
Selenium	1 ug/L	<1	<1	<1	-
Silver	0.1 ug/L	<0.1	<0.1	<0.1	-
Sodium	200 ug/L	92300	143000	90800	-
Thallium	0.1 ug/L	<0.1	<0.1	<0.1	-
Uranium	0.1 ug/L	24.2	3.8	22.9	-
Vanadium	0.5 ug/L	0.5	<0.5	0.5	-
Zinc	5 ug/L	<5	<5	<5	-

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	1	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10	ug/L						
Cadmium	ND	0.1	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Lead	ND	0.1	ug/L						
Molybdenum	ND	0.5	ug/L						
Nickel	ND	1	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Uranium	ND	0.1	ug/L						
Vanadium	ND	0.5	ug/L						
Zinc	ND	5	ug/L						

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	2.25	0.5	ug/L	1.50			NC	20	
Arsenic	ND	1	ug/L	ND			NC	20	
Barium	101	1	ug/L	99.9			0.9	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	245	10	ug/L	241			1.5	20	
Cadmium	ND	0.1	ug/L	ND			NC	20	
Chromium	ND	1	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	1.01	0.5	ug/L	1.05			3.6	20	
Lead	ND	0.1	ug/L	ND			NC	20	
Molybdenum	17.8	0.5	ug/L	18.9			6.0	20	
Nickel	ND	1	ug/L	ND			NC	20	
Selenium	ND	1	ug/L	ND			NC	20	
Silver	ND	0.1	ug/L	0.24			NC	20	
Sodium	38000	200	ug/L	39200			3.1	20	
Thallium	ND	0.1	ug/L	ND			NC	20	
Uranium	2.1	0.1	ug/L	2.3			6.2	20	
Vanadium	0.87	0.5	ug/L	0.92			5.2	20	
Zinc	ND	5	ug/L	ND			NC	20	

Certificate of Analysis

Report Date: 19-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	46.5	0.5	ug/L	ND	93.0	80-120			
Arsenic	49.5	1	ug/L	ND	97.2	80-120			
Barium	204	1	ug/L	162	83.7	80-120			
Beryllium	44.0	0.5	ug/L	ND	88.0	80-120			
Boron	54	10	ug/L	11	85.3	80-120			
Cadmium	41.1	0.1	ug/L	ND	82.2	80-120			
Chromium	49.6	1	ug/L	ND	98.2	80-120			
Cobalt	47.0	0.5	ug/L	ND	94.0	80-120			
Copper	44.8	0.5	ug/L	1.05	87.5	80-120			
Lead	42.3	0.1	ug/L	ND	84.5	80-120			
Molybdenum	63.3	0.5	ug/L	18.9	88.9	80-120			
Nickel	45.9	1	ug/L	ND	91.3	80-120			
Selenium	44.4	1	ug/L	ND	87.7	80-120			
Silver	54.3	0.1	ug/L	ND	109	80-120			
Sodium	31300	200	ug/L	22700	86.3	80-120			
Thallium	41.0	0.1	ug/L	ND	82.0	80-120			
Uranium	48.3	0.1	ug/L	2.3	92.1	80-120			
Vanadium	50.7	0.5	ug/L	0.92	99.5	80-120			
Zinc	45	5	ug/L	ND	84.1	80-120			

Certificate of Analysis

Report Date: 19-May-2022

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Qualifier Notes:**

*QC Qualifiers :*

**Sample Data Revisions**

None

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated





## Certificate of Analysis

### Wood Environment & Infrastructure (Thorold)

110 James Street Suite 301  
St. Catharines, ON L2R 7E8  
Attn: Kelly Patterson

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00  
Project: OESAM2008.6000  
Custody: 135366

Report Date: 26-May-2022  
Order Date: 13-May-2022

Revised Report

**Order #: 2221151**

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Parcel ID	Client ID
2221151-01	Field Blank
2221151-02	Trip Blank

Approved By:



Dale Robertson, BSc  
Laboratory Director

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment & Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Analysis Summary Table**

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 200.8 - ICP-MS	18-May-22	19-May-22

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

<b>Client ID:</b>	Field Blank	Trip Blank	-	-
<b>Sample Date:</b>	13-May-22 14:00	13-May-22 14:00	-	-
<b>Sample ID:</b>	2221151-01	2221151-02	-	-
<b>MDL/Units</b>	Water	Water	-	-

**Metals**

	MDL/Units	Field Blank	Trip Blank		
Antimony	0.5 ug/L	<0.5 [1]	<0.5 [1]	-	-
Arsenic	1 ug/L	<1	<1	-	-
Barium	1 ug/L	<1	<1	-	-
Beryllium	0.5 ug/L	<0.5	<0.5	-	-
Boron	10 ug/L	<10	<10	-	-
Cadmium	0.1 ug/L	<0.1	<0.1	-	-
Chromium	1 ug/L	<1	<1	-	-
Cobalt	0.5 ug/L	<0.5	<0.5	-	-
Copper	0.5 ug/L	<0.5	<0.5	-	-
Lead	0.1 ug/L	<0.1	<0.1	-	-
Molybdenum	0.5 ug/L	<0.5	<0.5	-	-
Nickel	1 ug/L	<1	<1	-	-
Selenium	1 ug/L	<1	<1	-	-
Silver	0.1 ug/L	<0.1	<0.1	-	-
Sodium	200 ug/L	<200	<200	-	-
Thallium	0.1 ug/L	<0.1	<0.1	-	-
Uranium	0.1 ug/L	<0.1	<0.1	-	-
Vanadium	0.5 ug/L	<0.5	<0.5	-	-
Zinc	5 ug/L	<5	<5	-	-

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Blank**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	ND	0.5	ug/L						
Arsenic	ND	1	ug/L						
Barium	ND	1	ug/L						
Beryllium	ND	0.5	ug/L						
Boron	ND	10	ug/L						
Cadmium	ND	0.1	ug/L						
Chromium	ND	1	ug/L						
Cobalt	ND	0.5	ug/L						
Copper	ND	0.5	ug/L						
Lead	ND	0.1	ug/L						
Molybdenum	ND	0.5	ug/L						
Nickel	ND	1	ug/L						
Selenium	ND	1	ug/L						
Silver	ND	0.1	ug/L						
Sodium	ND	200	ug/L						
Thallium	ND	0.1	ug/L						
Uranium	ND	0.1	ug/L						
Vanadium	ND	0.5	ug/L						
Zinc	ND	5	ug/L						

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Duplicate**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Antimony	1.76	0.5	ug/L	ND			NC	20	
Arsenic	ND	1	ug/L	ND			NC	20	
Barium	ND	1	ug/L	ND			NC	20	
Beryllium	ND	0.5	ug/L	ND			NC	20	
Boron	ND	10	ug/L	ND			NC	20	
Cadmium	ND	0.1	ug/L	ND			NC	20	
Chromium	ND	1	ug/L	ND			NC	20	
Cobalt	ND	0.5	ug/L	ND			NC	20	
Copper	ND	0.5	ug/L	ND			NC	20	
Lead	ND	0.1	ug/L	ND			NC	20	
Molybdenum	ND	0.5	ug/L	ND			NC	20	
Nickel	ND	1	ug/L	ND			NC	20	
Selenium	ND	1	ug/L	ND			NC	20	
Silver	ND	0.1	ug/L	ND			NC	20	
Sodium	ND	200	ug/L	ND			NC	20	
Thallium	ND	0.1	ug/L	ND			NC	20	
Uranium	ND	0.1	ug/L	ND			NC	20	
Vanadium	ND	0.5	ug/L	ND			NC	20	
Zinc	ND	5	ug/L	ND			NC	20	

Certificate of Analysis

Report Date: 26-May-2022

Client: Wood Environment &amp; Infrastructure (Thorold)

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Method Quality Control: Spike**

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
<b>Metals</b>									
Arsenic	49.2	1	ug/L	ND	98.2	80-120			
Barium	45.0	1	ug/L	ND	89.8	80-120			
Beryllium	50.4	0.5	ug/L	ND	101	80-120			
Boron	49	10	ug/L	ND	96.8	80-120			
Cadmium	46.0	0.1	ug/L	ND	92.0	80-120			
Chromium	50.0	1	ug/L	ND	99.9	80-120			
Cobalt	48.7	0.5	ug/L	ND	97.5	80-120			
Copper	48.1	0.5	ug/L	ND	95.9	80-120			
Lead	45.2	0.1	ug/L	ND	90.4	80-120			
Molybdenum	46.3	0.5	ug/L	ND	92.3	80-120			
Nickel	48.8	1	ug/L	ND	97.3	80-120			
Selenium	47.7	1	ug/L	ND	95.2	80-120			
Silver	46.3	0.1	ug/L	ND	92.5	80-120			
Sodium	8980	200	ug/L	ND	89.5	80-120			
Thallium	47.1	0.1	ug/L	ND	94.1	80-120			
Uranium	46.7	0.1	ug/L	ND	93.4	80-120			
Vanadium	48.9	0.5	ug/L	ND	97.8	80-120			
Zinc	49	5	ug/L	ND	97.6	80-120			

Certificate of Analysis

Report Date: 26-May-2022

Client: **Wood Environment & Infrastructure (Thorold)**

Order Date: 13-May-2022

Client PO: OESAM2008.6000.\*\*\*\*.5120.5730-00

Project Description: OESAM2008.6000

**Qualifier Notes:**

**Sample Data Revisions**

1- REV 1 : Revision 1 - Sb updated based on reanalysis of the original sample.

**Work Order Revisions / Comments:**

None

**Other Report Notes:**

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

NC: Not Calculated





Client Name: <b>Wood</b>	Project Ref: <b>OESAM2008.6000</b>	Page <b>1</b> of <b>1</b>
Contact Name: <b>Kelly Patterson</b>	Quote #: <b>22-168</b>	Turnaround Time <input type="checkbox"/> 1 day <input type="checkbox"/> 3 day <input type="checkbox"/> 2 day <input checked="" type="checkbox"/> Regular
Address: <b>110 James St, Suite 301 St. Catharines, ON</b>	FD #: <b>OESAM2008.6000, 4444, 5120, 5730-02</b>	
Telephone: <b>905-687-6616</b>	Email: <b>kelly.patterson@woodplc.com</b>	Date Required: _____

<input checked="" type="checkbox"/> REG 15304 <input type="checkbox"/> REG 40019    Other Regulation <input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/Fine <input type="checkbox"/> REG 558 <input type="checkbox"/> PWQD <input type="checkbox"/> Table 2 <input type="checkbox"/> Inci/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> CCME <input type="checkbox"/> M/SA <input type="checkbox"/> Table 3 <input type="checkbox"/> Agr/Other <input type="checkbox"/> Table _____ For RSC: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Other: _____		Matrix Type: S (Soil/Sed.) GW (Ground Water) SW (Surface Water) SS (Storm/Sanitary Sewer) P (Paint) A (Air) O (Other)		Required Analysis								
Sample ID/Location Name	Matrix	Air Volume	# of Containers	Sample Taken		PHCs F1-F4-BTEX	VOCs	PAHs	Metals by ICP	Pb	CrVI	B (HWS)
				Date	Time							
1 <b>Field Blank</b>			1	May 13/22	14:00				X			
2 <b>Trip Blank</b>			1						X			
3												
4												
5												
6												
7												
8												
9												
10												

Comments: **governed by the tac of SWA 07-003**

Method of Delivery: \_\_\_\_\_

Relinquished By (Sign): <i>[Signature]</i>	Received At: <b>Depot</b>	Received At Lab: <i>[Signature]</i>	Verified By: <i>[Signature]</i>
Relinquished By (Print): <b>Shannon M.</b>	Date/Time: <b>May 18/22 12:53</b>	Date/Time: <b>May 17/22 10:11</b>	Date/Time: <b>May 18/22/22</b>
Date/Time: <b>May 17/22</b>	Temperature: <b>6.6</b> °C	Temperature: _____ °C	pH Verified: <input type="checkbox"/>

**APPENDIX C**  
**LIMITATIONS**

## LIMITATIONS

1. The work performed in the preparation of this report and the conclusions presented are subject to the following:
  - (a) The Standard Terms and Conditions which form a part of Wood's Wood's proposal (POESAM2040) and authorized by the Client on June 18, 2020;
  - (b) The Scope of Services;
  - (c) Time and Budgetary limitations as described in our proposal; and,
  - (d) The Limitations stated herein.
2. No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our proposal, or the conclusions presented.
3. The conclusions presented in this report were based, in part, on visual observations of the site and attendant structures. Our conclusions cannot and are not extended to include those portions of the site or structures which were not reasonably available, in Wood's opinion, for direct observation.
4. The environmental conditions at the site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the site with any applicable local, provincial or federal by-laws, orders-in-council, legislative enactments and regulations was not performed.
5. The site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
6. Where testing was performed, it was carried out in accordance with the terms of our proposal providing for testing. Other substances, or different quantities of substances testing for, may be present on site and may be revealed by different of other testing not provided for in our proposal.
7. Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, Wood must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
8. The utilization of Wood's services during the implementation of any remedial measures will allow Wood to observe compliance with the conclusions and recommendations contained in the report. Wood's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.

9. This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or proposal. Any use which any third party makes of the report, in whole or in part, or any reliance thereon, or decisions made based on any information or conclusions in the report, is the sole responsibility of such third party. Wood accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
10. This report is not to be given over to any third party for any purpose whatsoever without the written permission of Wood Environment and Infrastructure Solutions.
11. Unless stated otherwise in the Closure Section of this Report, provided that the report is still reliable, and less than 12 months old, Wood may issue a third-party reliance letter to parties CLIENT identifies in writing, upon payment of the then current fee for such letters. All third parties relying on Wood's report, by such reliance agree to be bound by our proposal and Wood's standard reliance letter. Wood's standard reliance letter indicates that in no event shall Wood be liable for any damages, howsoever arising, relating to third-party reliance on Wood's report. No reliance by any party is permitted without such agreement.